

20011230.qrp v02_n421.qrl.20011230

Date: Sun, 30 Dec 2001 19:03:14 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2421

QRP-L Digest 2421

Topics covered in this issue include:

- 1) [116359] Re: Stop bashing newcomers (and not so new hams)
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
- 2) [116360] HMMMMMMMMM!
by "Thom Durfee WI8W" <wi8w@arrl.net>
- 3) [116361] Re: Hang on Caity
by "Scott R. Hotchkiss" <w4pj@bellsouth.net>
- 4) [116362] WHO IS THE QRP-L LIST ADMINISTRATOR?
by "Dennis Brickey" <n4dd@preferred.com>
- 5) [116363] Re: Correction! Re: N4HY, AB2KT...0500Zxxxx 1700Z
by brickle <brickle@pobox.com>
- 6) [116364] JA6WFM/HR3 on 24890.6
by lenny wintfeld <w2bvh@home.com>
- 7) [116365] Re: HMMMMMMMMM!
by "W3CDE Jerry L." <w3cde@bellsouth.net>
- 8) [116366] RE: QRP-L digest 2414
by "Steve Markowitz" <sdmarko@attglobal.net>
- 9) [116367] 15 Meters...
by "Trevor Jacobs" <fxtech@earthlink.net>
- 10) [116368] Re: Hang on Caity
by "Brian" <brian@iquest.net>
- 11) [116369] 160 is in great shape tonight!
by "Conard, WS4S" <ws4s@charter.net>
- 12) [116370] Re: Stop bashing newcomers (and not so new hams)
by Bill ROWLETT <kc4atu@yahoo.com>
- 13) [116371] Back-to-back Xfmrs for tube transmitters
by "Mike Silva" <mjsilva697@earthlink.net>
- 14) [116372] Contest: RAC Contest Results - K7RE
by Brian Kassel <bkassel@dancris.com>
- 15) [116373] How many other exceptions?
by hamjoel@juno.com
- 16) [116374] Re: How many other exceptions?
by "George, W5YR" <w5yr@att.net>
- 17) [116375] Re: How many other exceptions?
by "Thom Durfee WI8W" <wi8w@arrl.net>
- 18) [116376] QRP DXCC
by Ron KU7Y <mswmod@bigplanet.com>
- 19) [116377] Re: QRP DXCC

- by "pschweit" <pschweit@mninter.net>
- 20) [116378] RAC Winter Contest results-VE5QRP-
by Bruce Rattray <rattray@gpfn.sk.ca>
- 21) [116379] ARRL QRP DXCC Award
by "Thom Durfee WI8W" <wi8w@arrl.net>
- 22) [116380] Re: ARRL QRP DXCC Award
by "Brian" <brian@iquest.net>
- 23) [116381] Aluminum Rig Toting Case (Cheap\$\$)
by Mark E Gustoff <wo7t@juno.com>
- 24) [116382] DSWTUN95 release 1.10...now being served...
by "Bill, N4QA" <n4qa@hotmail.com>
- 25) [116383] HB: keyers - QRP type drive1
by "Harry Hurst" <wa3ptg@home.com>
- 26) [116384] Re: How many other exceptions?
by w4bws@juno.com
- 27) [116385] 817 prob
by "T.W." <wb5qyt@abq.com>
- 28) [116386] Ah, Memories...
by wkhibbert@juno.com
- 29) [116387] Re: ARRL QRP DXCC Award
by "Thom Durfee WI8W" <wi8w@arrl.net>
- 30) [116388] QRP/ARCI Awards
by "Thom Durfee WI8W" <wi8w@arrl.net>
- 31) [116389] =?ISO-8859-1?Q?=C2=A0Re:?= CW: not just for nostalgia buffs
by Caitlyn Martin <ku4qd@qsl.net>
- 32) [116390] Re: "land grab"
by Bill Coleman <aa4lr@arrl.net>
- 33) [116391] Re: HB: keyers - QRP type drive1
by Pete Burbank <plburbank@kih.net>
- 34) [116392] Re: Lehigh Univ. (was: Remove from List)
by Bill Coleman <aa4lr@arrl.net>
- 35) [116393] Re: WHO IS THE QRP-L LIST ADMINISTRATOR?
by "Mike Czuhajewski" <wa8mcq@home.com>
- 36) [116394] Palstar AT300CN Tuner question
by "Thom Durfee WI8W" <wi8w@arrl.net>
- 37) [116395] Re: Elmer needs help!
by "Galahad" <galahad@worldnet.att.net>
- 38) [116396] [SPICE] Tapped Coil Experiment and Simulations
by "Brad Hernlem" <alihernlem@hotmail.com>
- 39) [116397] Re: HMMMMMMMMM!
by "Leon Heller" <leon_heller@hotmail.com>
- 40) [116398] Re: Elmer needs help! (teaching CW)
by K5BDZ@aol.com
- 41) [116399] DC RXs -- AF filtering, shielding
by "Bill Meara" <n2cqr@clix.pt>
- 42) [116400] Re: Back-to-back Xfmrs for tube transmitters
by "Mike Silva" <mjsilva697@earthlink.net>
- 43) [116401] Great Day on the Bands!

by "Trevor Jacobs" <fxtech@earthlink.net>
44) [116402] Re: How many other exceptions?
by "Karl F. Larsen" <k5di@zianet.com>
45) [116403] learning CW
by "Thom Durfee WI8W" <wi8w@arrl.net>
46) [116404] Re: learning CW
by Bob Schreibmaier <k3ph@dxis.monroe.pa.us>
47) [116405] Re: Stop bashing newcomers (and not so new hams)
by Bruce Muscolino <w6toy@erols.com>
48) [116406] RE: Lehigh Univ. (was: Remove from List)
by Nick Kennedy <nkennedy@tcainternet.com>
49) [116407] Re: Stop bashing newcomers (and not so new hams)
by Bruce Muscolino <w6toy@erols.com>
50) [116408] Re: Stop bashing newcomers (and not so new hams)
by Bruce Muscolino <w6toy@erols.com>
51) [116409] Re: Stop bashing newcomers (and not so new hams)
by Bruce Muscolino <w6toy@erols.com>
52) [116410] Re: learning CW
by "Joe Spencer" <kk5na@quadj.com>
53) [116411] Re: Stop bashing newcomers (and not so new hams)
by Bruce Muscolino <w6toy@erols.com>
54) [116412] A clarification
by W2AGN <w2agn@pobox.com>
55) [116413] Re: Stop bashing newcomers (and not so new hams)
by W2AGN <w2agn@pobox.com>
56) [116414] Re: Elmer needs help!
by Bruce Muscolino <w6toy@erols.com>
57) [116415] Re: QRP DXCC
by Larry Cahoon <lejek@erols.com>
58) [116416] Re: ARRL QRP DXCC Award
by Larry Cahoon <lejek@erols.com>
59) [116417] RE: Stop bashing newcomers (and not so new hams)
by "N8IE" <n8ie@woh.rr.com>
60) [116418] Re: "land grab"
by Bruce Muscolino <w6toy@erols.com>
61) [116419] Re: DC RXs -- AF filtering, shielding
by "Leon Heller" <leon_heller@hotmail.com>
62) [116420] Re: How many other exceptions?
by Dave Sjolín <sjolin@swbell.net>
63) [116421] Re: Stop bashing newcomers (and not so new hams)
by John Wagner <john@wagner-usa.net>
64) [116422] Re: Lehigh Univ. (was: Remove from List)
by Dave Sjolín <sjolin@swbell.net>
65) [116423] Re: [OT] History of Incentive Licensing
by "Mark J. Dulcey" <mark@buttery.org>
66) [116424] Re: [OT] History of Incentive Licensing
by Bruce Muscolino <w6toy@erols.com>
67) [116425] Re: Fast Learner

- by George Franklin <w0av@juno.com>
- 68) [116426] Re: Stop bashing newcomers (and not so new hams)
by W2AGN <w2agn@pobox.com>
- 69) [116427] Re: [OT] History of Incentive Licensing
by "Mark J. Dulcey" <mark@buttery.org>
- 70) [116428] Re: Fast Learner
by Dave Sjolin <sjolin@swbell.net>
- 71) [116429] DXCC QRP
by Larry Cahoon <lejek@erols.com>
- 72) [116430] Re: [OT] History of Incentive Licensing
by Bruce Muscolino <w6toy@erols.com>
- 73) [116431] Heathkit SA-2550 help
by "Dennis Brickey" <n4dd@preferred.com>
- 74) [116432] New Year's Bash (ing) ...
by "- hamhobby.com -" <k7fd@hotmail.com>
- 75) [116433] Items for sale, wanted, and manuals/schematics wanted
by Caitlyn Martin <ku4qd@qsl.net>
- 76) [116434] Re: Aluminum Rig Toting Case (Cheap\$\$)
by Tom Popovic <ki3r@yahoo.com>
- 77) [116435] Re: Stop bashing newcomers (and not so new hams)
by "Bruce Shaw" <kg4dzu@ivwnet.com>
- 78) [116436] RE: [OT] History of Incentive Licensing
by Nick Kennedy <nkennedy@tcainternet.com>
- 79) [116437] Need Small Keyer
by W0rw@aol.com
- 80) [116438] Fun (was: Stop bashing newcomers (and not so new hams))
by W2AGN <w2agn@pobox.com>
- 81) [116439] RE: Stop bashing newcomers (and not so new hams)
by Nick Kennedy <nkennedy@tcainternet.com>
- 82) [116440] Re: DC RXs -- AF filtering, shielding
by "Dave Benson" <nn1g@earthlink.net>
- 83) [116441] Re: ARRL QRP DXCC Award
by "Stephen M. King" <frastephen@home.com>
- 84) [116442] Re: A clarification
by Bill Coleman <aa4lr@arrl.net>
- 85) [116443] SMK-1 Extended TX VXO Frequency Range Mod
by NB6M@aol.com
- 86) [116444] Re: ARRL QRP DXCC Award
by "Brian" <brian@iquest.net>
- 87) [116445] Re: Lehigh Univ. (was: Remove from List)
by Jim Lowman <jmlowman@directvinternet.com>
- 88) [116446] Re: Stop bashing newcomers (and not so new hams)
by "Rob Matherly" <kc0bom@arrl.net>
- 89) [116447] Re: [OT] History of Incentive Licensing
by "Rob Matherly" <kc0bom@arrl.net>
- 90) [116448] American rigs, growing the hobby, licensing
by Caitlyn Martin <ku4qd@qsl.net>
- 91) [116449] Re: Fun (was: Stop bashing newcomers (and not so new hams))

by Bill ROWLETT <kc4atu@yahoo.com>

92) [116450] Re: Annual DX Competition
by "Michael C. Boatright" <ko4wx@mindspring.com>

93) [116451] OT: RIP - US Incentive Licensing
by Mike <mmorrow@companet.net>

94) [116452] feelings
by Bruce Rattray <rattray@gpfn.sk.ca>

95) [116453] Fwd: [EUG-LUG:757] Re: [LANE-GREENS:547] FCC Bars LINUX from
Universal Licensing System (fwd)
by Dragon Singer <WM-Scace@wiu.edu>

96) [116454] Re: Fun (was:Stop bashing newcomers (and not so new hams)
by W2AGN <w2agn@pobox.com>

97) [116455] Re: Fwd: [EUG-LUG:757] Re: [LANE-GREENS:547] FCC Bars LINUX from
Universal Licensing System (fwd)
by W2AGN <w2agn@pobox.com>

98) [116456] Transistor questions
by "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>

99) [116457] re: RIP - US Incentive Licensing
by "Tom Scott" <tomrscott@sterlink.net>

100) [116458] Re: New Year's Bash (ing)... (OT)
by Mike <mmorrow@companet.net>

101) [116459] FS: K1MG COUNTER/CLOCK KIT
by Jerry Parker <jparker@fix.net>

102) [116460] Toroids and other parts
by "w8diz" <w8diz@fpqrp.com>

103) [116461] Re: DC RXs -- AF filtering, shielding
by John Seboldt K0JD <k0jd-l@seboldt.net>

104) [116462] Re: Toroids and other parts
by "Brian" <brian@iquest.net>

105) [116463] Re: Fwd: [EUG-LUG:757] Re: [LANE-GREENS:547] FCC Bars LINUX from
Universal Licensing System (fwd)
by "w2wurjj" <w2wurjj@verizon.net>

106) [116464] Re: HB: keyers - QRP type drive
by Steven Weber <kd1jv@moose.ncia.net>

107) [116465] Toroid...Help!
by "Bill Dittrich" <rwddittrich@hotmail.com>

108) [116466] Re:FCC Bars LINUX from Universal Licensing System
by "John L. Sielke" <jsielke@pobox.com>

109) [116467] Re: Toroid...Help!
by "Brian" <brian@iquest.net>

110) [116468] Re: The mW contest - AL7FS w4
by "Robert L. Kellogg" <ae4ic@nr.infi.net>

111) [116469] Re: [SPICE] Tapped Coil Experiment and Simulations
by "Brad Hernlem" <alihernlem@hotmail.com>

112) [116470] Re: HB: keyers - QRP type drive
by "Howard Kraus" <K2UD@adelphia.net>

113) [116471] RE: Stop bashing newcomers (and not so new hams)
by "N8IE" <n8ie@woh.rr.com>

- 114) [116472] neophyte MP-1 question
by Michael Bower <bowerm@ix.netcom.com>
- 115) [116473] Re: Transistor questions
by "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
- 116) [116474] Re: Stop bashing newcomers (and not so new hams)
by IamSF5@aol.com
- 117) [116475] Re: Annual DX Competition
by "Stephen M. King" <frastephen@home.com>
- 118) [116476] Re: neophyte MP-1 question
by "Stephen M. King" <frastephen@home.com>
- 119) [116477] FS: books
by Preston <pdbuck@earthlink.net>
- 120) [116478] Re: Toroid...Help!
by "Mike Yetsko" <myetsko@insydesw.com>

Date: Sat, 29 Dec 2001 18:12:48 -0600 (CST)
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Cc: Brian Buydens <brian.buydens@usask.ca>
Subject: [116359] Re: Stop bashing newcomers (and not so new hams)
Message-ID: <Pine.OSF.4.31.0112291750100.100487-100000@duke.usask.ca>
MIME-version: 1.0
Content-type: TEXT/PLAIN; charset=US-ASCII

So far I seem to be missing the point of this whole discussion.

1. If the proposition is:"Someone who got their license before 1975 knows more than someone who got their license last year" then the statements is probably true but trivial. After all the older ham has a 26 year head start.
2. If the proposition is:"I got my license back when it was a lot harder so I am smarter than the newcomers" then this may be true but how do we factor out the experience factor. Also there are changes in curriculum to consider.
3. This discussion really only has relevance in the United States.
4. A radio amateur's worth should be measured by what they contribute to the hobby. Consider this: Packet radio was not invented by a pre 1975 extra, nor was PSK31 or IRLP just to name a few examples. I am sure that extras have made many important contributions but I would venture that other hams value them for the contributions not because of their license.
5. A radio amateur's worth should not necessarily be measured by their technical prowess. One of the reasons I was interested in ham radio was

that a kindly ham near Rosthern Sask. (VE5IN) took the time to make cassette tapes of QSO's for me. This is not high tech but it meant the world to me 20 years ago as a young college student who didn't even have a shortwave radio.

6. Ham radio is a vast hobby. Why do we need to get hung up on what license someone has and when they got it?

Brian Buydens
Veterinary Electronic Data Specialist
Computing Services, University of Saskatchewan
email: Brian.Buydens@usask.ca
http://duke.usask.ca/~buydens
VE5RDV

Did you hear about the two antennas that got married? The wedding was a disaster but the reception was great!

Date: Sun, 30 Dec 2001 00:16:39 -0000
From: "Thom Durfee WI8W" <wi8w@arrl.net>
To: <qrp-1@Lehigh.EDU>
Subject: [116360] HMMMMMMMMM!
Message-ID: <024901c190c7\$410dce40\$6401a8c0@attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Steve "Melt Solder" KD1JV wrote:

"> I'll freely admit, I memorized the Q's and A's
for all the ham exams I
ever
> took and promptly forgot most of them after the
test. After all, I wanted
to
> pass the test and I'm sure every last one of you
did the same thing!
>

Sorry but I did not ever memorize questions to pass any amateur exam. When I tested for my Novice ticket in 1977 all I had to study with was the initial edition of Tune In The World and if I remember right it had no questions.

For all the other exams I used the ARRL Handbook to "learn" all I needed to know to pass any exam.

Just so you know, I also never had to take an amateur exam more than once and even managed a few commercial licenses and a Canadian amateur license to boot without ever failing one.

I still know a lot of what is in that Handbook and I still read it regularly to keep up and to refresh my knowledge. Remind me to show you sometime how to match a triband yagi to 450 ohm feedline without the use of a tuner.

Also please be a little more careful when you use the words "every last one of you" because not everyone did.

73

Thom WI8W

Date: Sat, 29 Dec 2001 19:22:02 -0500
From: "Scott R. Hotchkiss" <w4pj@bellsouth.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [116361] Re: Hang on Caity
Message-ID: <004701c190c8\$013fc560\$b8d24dd8@scot>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This is the kind of crap that drove me away about a year ago.
I've been back about a week. 6 days too long.
Hasta lumbago.

"You can take my life, but you can't have my freedom."

----- Original Message -----

From: "Tom Pennebaker" <n4rs@netpath-rc.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Saturday, December 29, 2001 6:26 PM

Subject: Hang on Caity

> I resubscribed to this list yesterday. I see it was a mistake. You
> guys (and it is always a few guys without exception) are great at
> driving me off. My time is better spent on the air.
>
> My last word,
> Caity
> KU4QD
>
> Hang around Caity, this stuff is cyclical. I've been around too long darn
> it! I scan my emails hold what I think may be interesting and delete the
> rest. I frequent the low end where there seems to be less congestion and
for
> the most part darn good ops. If you have a good fist, can rock along at
30 -
> 35 I'll work you and don't give a "horse's patoot" what your license class
> is. It's gonna be a good qso and a heck of a lot of fun...I like your last
> sentence, think that's one of our main problems in ham radio, too much
time
> on the puter.....Tom N4RS
>
>

Date: Sat, 29 Dec 2001 19:39:45 -0500

From: "Dennis Brickey" <n4dd@preferred.com>

To: <qrp-l@Lehigh.EDU>

Subject: [116362] WHO IS THE QRP-L LIST ADMINISTRATOR?

Message-ID: <003901c190ca\$7b38d440\$97f3e4ce@computer>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I would appreciate the enlightenment!!

D. Brickey / N4DD

Date: Sat, 29 Dec 2001 19:52:10 -0500
From: brickle <brickle@pobox.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [116363] Re: Correction! Re: N4HY, AB2KT...0500Zxxxx 1700Z
Message-ID: <3C2E653A.5F4748F8@pobox.com>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

> Any word on the status of this event?
>
> I just checked Wilmington, DE WX, low 40's & snow showers.

It was cold. We were at Brandywine Creek Park, following the excellent suggestion of W2AGN. That's 3 mi north of Wilmington.

QRV about 1130E/1630Z through 1530E/2030Z. Both of us signing AB2KT. Tried to focus on 20 and 40 but hopped around all CW segs 40-10. The RAC contest diverted a lot of attention, we suspect.

Here's a partial list of QSOs, in no particular order (from the incomplete log sheets in front of me right now):
KB8KRD, VE3MRJ, W3VGV, AK5LN, WB7RBX, WI6UB, EA3DD, EI3HY, GD0TEP, K3AS, KA9NMK, NF0Z, KC2FLM, W1CT, W0SDX, W10UE.

We kept hearing K7FD and calling him but he refused to acknowledge responses from Delaware ;-) Nicely placed null, John.

Several folks seemed to think running multi-multi QRP on batteries was downright amusing. If they only knew how that was the *least* odd thing about the whole operation. Onlookers were completely mystified but several worked up the nerve to ask what the hell we were doing. About half of them assumed we were looking for Bin Laden.

FWIW the 817s behaved admirably although running on certain pairs of bands concurrently the phase noise was slightly problematical. Shuffled counterpoises around a little and the problem subsided somewhat.

Apologies to everybody we missed. Will try to arrange another trip soon, probably to a different site since the park closes before dark.

73
Frank
AB2KT

Date: Sat, 29 Dec 2001 20:07:59 -0500
From: lenny wintfeld <w2bvh@home.com>
To: "[Low Power Amateur Radio Discussion]" <qrp-1@Lehigh.EDU>
Subject: [116364] JA6WFM/HR3 on 24890.6
Message-ID: <3C2E68EF.24BE6E99@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Honduras. Loud and clear on the east coast. At 0100Z.
Go for it.

Lenny W2BVH

Date: Sat, 29 Dec 2001 20:11:35 -0500
From: "W3CDE Jerry L." <w3cde@bellsouth.net>
To: wi8w@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [116365] Re: HMMMMMMMMM!
Message-ID: <3C2E69C7.CDDB7220@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thom,

Well I have got agree with you... Got my ticket when I was 11
& I took the 1st Commercial Phone when I was 13 and passed
it. I did not know at the time what the Q&A manual was 8-)...
Nor could I afford the book! For those not in the know, it was
the Question and Answer manual for the Commercial exam. I
knew the theory, never memorized a thing. I too just wanted a
license and to know what I was doing and why it worked or did
not.

So much for memory

Jerry
W3CDE

Thom Durfee WI8W wrote:

>
> Steve "Melt Solder" KD1JV wrote:
>
> "> I'll freely admit, I memorized the Q's and A's
> for all the ham exams I
> ever
> > took and promptly forgot most of them after the
> test. After all, I wanted
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> > pass the test and I'm sure every last one of you
> did the same thing!
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> Sorry but I did not ever memorize questions to
> pass any amateur exam. When I tested for my
> Novice ticket in 1977 all I had to study with was
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> remember right it had no questions.
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> amateur exam more than once and even managed a few
> commercial licenses and a Canadian amateur license
> to boot without ever failing one.
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> I still know a lot of what is in that Handbook and
> I still read it regularly to keep up and to
> refresh my knowledge. Remind me to show you
> sometime how to match a triband yagi to 450 ohm
> feedline without the use of a tuner.
>
> Also please be a little more careful when you use
> the words "every last one of you" because not
> everyone did.
>
> 73
>
> Thom WI8W

Date: Sat, 29 Dec 2001 20:08:50 -0500
From: "Steve Markowitz" <sdmarko@attglobal.net>
To: <qrp-l@lehigh.edu>
Subject: [116366] RE: QRP-L digest 2414
Message-ID: <MBBBIMJDINHHCIEADIPDEEGMCAAA.sdmarko@attglobal.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

What do you mean when you say "feed a 100 Hz signal into an inductor"? Do you mean that you hook it up like this (d1)?

```
(---o-(  
(  | (  
L1( C1= (L2  
(  | (  
(---o-(  
  |_  
  ///
```

Or like this?

```
(---o-uuu--o to somewhere  
(  |  
(  =  
(  |  
(---o  
  |_  
  ///
```

Or some other way?

I was thinking of using this for measuring inductance, but how do I hook up the inductor and resistor so I feed the signal into them?

Date: Sat, 29 Dec 2001 17:27:13 -0800
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [116367] 15 Meters...
Message-ID: <019b01c190d1\$1c554740\$f112f4d8@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Had my first QSO in a long time today on 15 meters, and boy it was a good one. Norm, N1NGM in East Brook, ME!!! That's one I needed for QRP WAS!!! Couldn't believe it, totally crystal clear, no QSB at all. I think I'm going to check out 15 a bit more regularly, Hi! Take care...

Best 72/73's
Trev
KG6CYN

Date: Sat, 29 Dec 2001 20:32:11 -0500
From: "Brian" <brian@iquest.net>
To: <n4rs@netpath-rc.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [116368] Re: Hang on Caity
Message-ID: <00a001c190d1\$ce6d03a0\$1b492bd1@bmurrey2K>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Tom,

Let her go, she'll be back. This is just the semi-annual "I'm leaving the group" message. I think she has it automated now.

73 de KB9BVN

=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====

----- Original Message -----

From: "Tom Pennebaker" <n4rs@netpath-rc.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, December 29, 2001 6:26 PM
Subject: Hang on Caity

> I resubscribed to this list yesterday. I see it was a mistake. You
> guys (and it is always a few guys without exception) are great at
> driving me off. My time is better spent on the air.
>
> My last word,
> Caity
> KU4QD
>
> Hang around Caity, this stuff is cyclical. I've been around too long
darn
> it! I scan my emails hold what I think may be interesting and delete
the
> rest. I frequent the low end where there seems to be less congestion
and for
> the most part darn good ops. If you have a good fist, can rock along
at 30 -
> 35 I'll work you and don't give a "horse's patoot" what your license
class
> is. It's gonna be a good qso and a heck of a lot of fun...I like
your last
> sentence, think that's one of our main problems in ham radio, too
much time
> on the puter.....Tom N4RS
>
>
>

Date: Sat, 29 Dec 2001 19:35:23 -0600
From: "Conard, WS4S" <ws4s@charter.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [116369] 160 is in great shape tonight!
Message-ID: <GBEOJACJHMNLPAOLHDBCCEHPCEAA.ws4s@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

160 is in fine form tonight for the Stew Perry contest. Give it a try!
I have worked 50+ stations already and only one station hasn't come back.
73, Conard, WS4S

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.310 / Virus Database: 171 - Release Date: 12/19/2001

Date: Sat, 29 Dec 2001 17:48:45 -0800 (PST)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: buydens@duke.usask.ca,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [116370] Re: Stop bashing newcomers (and not so new hams)
Message-ID: <20011230014845.53228.qmail@web14206.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Brian,

The point is that there is no point. Two people who have inflated opinions of themselves manage to get the group all upset ever couple of months. They go on about how they know more about anything than anybody else.

It seems that they now feel that an extra ticket somehow improves their status. All it does is it gives them more freq. to operate on. That is all it ever gave them and it is all it gives anybody. A upgrade only gives more operating freq's. nothing more. that was the reason for the incentive program. You would study and upgrade to get the added operating freq's. But these two think it makes them better than anyone else. They just prove themselves wrong with their every post.

So, everybody just standby, this too will pass.

73 and have a good 2002

Bill KC4ATU

Do You Yahoo!?
Send your FREE holiday greetings online!
<http://greetings.yahoo.com>

Date: Sat, 29 Dec 2001 18:03:40 -0800
From: "Mike Silva" <mjsilva697@earthlink.net>
To: <glowbugs@piobaire.mines.uidaho.edu>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [116371] Back-to-back Xfmrs for tube transmitters
Message-ID: <016901c190d6\$346c5300\$c2fab3d1@computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

There was some question (skepticism!) on the QRP list recently about using back-to-back filament transformers to provide B+ for a small transmitter. Being curious about this myself I wired up a circuit consisting of two Radio Shack 12.6VCT 3A transformers back-to-back, driving a full wave bridge and a 33 uF filter cap. I used a 1625 tube (807 with a 12V heater) as a variable load, with heater driven from the first transformer and control grid driven from 18V (two 9V batteries in series) across a pot. The tube was connected in triode mode (screen and plate tied together). Here's what I found (I'm sure the columns won't line up!):

B+(V)	Ip(mA)
156	0
153	10
150	20
147	30
144	40
142	50
140	60
135	70
132	80

At this point the readings were bouncing around quite a bit as I didn't have enough filtering to handle the current load, so I stopped. I ran the setup for an hour at 70 mA (10W DC load) and the transformers were just moderately warm. Tonight I'll crank it up a little more and let it run for a few hours.

This tells me that these two transformers back-to-back have plenty of capacity to handle a QRP-level (or more) transmitter. Some tubes designed for low B+ (e.g. 12L6, 12DB5) would run quite nicely at 130-140V. Tubes designed for higher voltage (12AQ5, 5763) might need a voltage doubler to get the most power out of them, but even these tubes should be able loaf along at QRP levels with 140V. So, just do it!

73,

Mike, KK6GM

P.S. Don't forget the 5763 has a 6.3V heater! Just connect it across one lead of the 12.6V secondary and the secondary center tap. If you use a separate (6V) oscillator tube connect that heater across the other side of the secondary to help balance the load.

Date: Sat, 29 Dec 2001 19:11:08 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@lehigh.edu>, azqrp <azqrp@extremezone.com>,
Floyd Smithberg <nq7x@earthlink.net>,
Subject: [116372] Contest: RAC Contest Results - K7RE
Message-ID: <3C2E77BC.4CFB611E@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangue:

Had a blast in this, the arguably friendliest contest around. My goal was to best last year's 77,000 points and 172 QSO's. Looks like I met those goals. Since there are no mode classifications, I opted to operate both CW and SSB. It still amazes me how well QRP SSB can work. There were only a about 5 pileups that I couldn't eventually break. Had several EU stations come back to my CW CQ's. No JA's were found. Where were the NT and AK stations? Looks like our Canadian cousins need to get up a DXpedition to the Yukon territories, just as we need to do for WY and DE ;). Worked K4BAI (AL) on 40 through 10 CW, and 3 bands on SSB. WE both laughed at our running into each other so consistently. He wasn't running QRP this time though ;(.

Thanks to the RAC for a great contest.

Rig: K-2 at 5W CW and SSB.

Antennas: Hy Gain TH-2 2 element trapped tribander at 45 feet.
Cushcraft rotatable D4 4 band dipole at 40 feet. (10, 15, 20 and 40M).

Hours of Operation:__about 16 hours.

Band	QSOs	Points	Mult's
160	0	0	0
80	0	0	0
40	31	214	7

20	91	680	16
15	68	520	14
10	82	670	16
6	0	0	0
2	0	0	0

Totals	272	2084	53
--------	-----	------	----

Total QSO's = 272 Total QSO Points = 2084
 Total Score: 110,452 Points

Brian K7RE

 Date: Sat, 29 Dec 2001 21:18:33 -0500
 From: hamjoel@juno.com
 To: qrp-l@lehigh.edu
 Subject: [116373] How many other exceptions?
 Message-ID: <20011229.212040.-16566237.0.hamjoel@juno.com>
 MIME-Version: 1.0
 Content-Type: text/plain; charset=us-ascii
 Content-Transfer-Encoding: 7bit

This is interesting

We have Thom and Jerry
 with exceptional ability to learn... how many others on the list are
 similiarly gifted...

Wonder how many out of what we have 3,000 on the list
 that could just walk up and pass these tests in their teens or younger
 without
 the help of a q&a manual...

this is truly a great gift for someone to have...I've heard of
 folks doing this...
 but first time I get to know one.... good for u guys...
 congradulations

ke1la joel
 in maine

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<http://dl.www.juno.com/get/web/>.

 Date: Sat, 29 Dec 2001 20:48:39 -0600

From: "George, W5YR" <w5yr@att.net>
To: hamjoel@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [116374] Re: How many other exceptions?
Message-ID: <3C2E8087.E03700A7@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Joel, many of us back "then" got into ham radio as teenagers. But it wasn't all that easy for some of us.

It took me almost one year to learn the code to 13 wpm and enough theory to pass the Class B exam. I was 16 at the time. It was 1945 when I started and the 10-meter band had just been re-opened after WW2 ended.

It took another year to learn enough additional phone theory for the Class A exam which was much harder. The FCC also required a year of experience at the lower license level before you could take the Class A exam for 75 and 20 meter phone. Ten meters was the only phone band open to Class B guys in those days. There was no 40 meter phone and no 15 meter band.

And all that time - two years - I was working daily in the radio repair shop of my Elmer, W5QN, learning at his side and even getting to work his rig from time to time - don't tell on me, now! He was a fund of information and could explain a lot of things that in the books just whizzed right over my head. And, I still remember virtually sleeping with the ARRL Handbook for those two years.

We had "license manuals" with example questions, etc. but nothing like the test questions and answers and practice tests that are available today.

Not griping or bragging - just pointing out that things *were* different back "then."

<:}

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262 COG 8
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All incoming and outgoing email virus-checked by Norton Anti-Virus 2002

hamjoel@juno.com wrote:

>
> This is interesting
> We have Thom and Jerry

> with exceptional ability to learn... how many others on the list are
> similiarly gifted...
> Wonder how many out of what we have 3,000 on the list
> that could just walk up and pass these tests in their teens or younger
> without
> the help of a q&a manual...
> this is truly a great gift for someone to have...I've heard of
> folks doing this...
> but first time I get to know one.... good for u guys...
> congradulations
>
> kella joel
> in maine

Date: Sun, 30 Dec 2001 02:53:27 -0000
From: "Thom Durfee WI8W" <wi8w@arrl.net>
To: <qrp-1@lehigh.EDU>
Subject: [116375] Re: How many other exceptions?
Message-ID: <028601c190dd\$28689800\$6401a8c0@attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Joel and the List

> This is interesting
> We have Thom and Jerry
> with exceptional ability to learn... how many
others on the list are
> similiarly gifted...

I did not mean to imply that I am somewhat
"gifted" in my post. What I was trying to get
across was that not everyone, as implied by Steve,
got their ticket the same way he did.

I have a lot of friends who did just exactly what
Steve did but I do not think of them as not gifted
amateurs. If I had some of the skills they have
(not necessarily radio related), then I indeed
would be truly gifted.

I have followed this bashing thread and quite

frankly, I do not or will I ever bash someone because of the way they got their ticket, operate only SSB, or CW or whatever. People are people and deserve respect. Too much of this stuff goes on and on and it is not good for the hobby. Sure I do not like some of the things that have happened in the past but I am not one to bash someone because of those events.

I have taught non-hams to become hams and experienced hams to become better hams. I teach them to respect everyone in the hobby and not to fall into the arguments they may hear on local repeaters, or on the internet about this hobby. I encourage them to form their own opinions but at the same time not to bash someone because they do something that they do not like or do not agree with.

I have been a subscriber to this list for a long time and I can tell you that I have not blocked anyone's opinions or directed them to the trash because they sent too many emails to the list that I may not agree with. I have them all stored here on my HD since my first day and they will stay there, ready for recall if necessary.

I look at this list as my second club if you will. There are a great bunch of individuals here and there is more you can learn, about radio and about people, than any other list I have subscribed to. This is a resource and should be used as one, not bashed just because someone does not agree with someone else.

People have opinions. I respect their right to post that opinion. If someone does not agree with it, I respect their right to post a reply. If we all had a little respect for someone's opinion, whether we agree with it not, this list would be a much better place to be.

Enough of my soapbox for now. After all, this is only my opinion.

Date: Sat, 29 Dec 2001 18:39:14 -0700
From: Ron KU7Y <msswmod@bigplanet.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [116376] QRP DXCC
Message-ID: <000b01c190dd\$8803b100\$c8c0a9d8@oemcomputer>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7bit

Hi All,

My application is now in the mail. That should have it arriving there at about the right time. I'd like to encourage everyone who has worked 100 or more countries to send in for the new wall paper. It would be just another way to show support for QRP and to let the ARRL know that we are all still here and kicking! :-)

And I really LOVE the idea of not having to get all those darned QSL cards! After getting about 250 countries confirmed I have given up on cards. Way too much time and money involved. If someone is determined to lie to get an award, needing something like a little QSL card isn't going to stop them anyway!

A BIG THANK YOU to the ARRL from me, one of the more vocal critics of that group!

OK, back in my hole.....

Ron, KU7Y
ku7y@qsl.net
Full Time RVing somewhere in the West
Currently in Brenda, AZ.

Date: Sat, 29 Dec 2001 21:11:36 -0600
From: "pschweit" <pschweit@mninter.net>
To: <msswmod@bigplanet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [116377] Re: QRP DXCC
Message-ID: <006101c190df\$b3ed6e0\$84e7add1@pschweit>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a set of cards that qualify for dxcc that are 10 years old,,,,

are there any tips?

----- Original Message -----

From: Ron KU7Y <mswmod@bigplanet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Saturday, December 29, 2001 7:39 PM
Subject: QRP DXCC

> Hi All,
>
> My application is now in the mail. That should have it arriving there at
about
> the right time. I'd like to encourage everyone who has worked 100 or more
> countries to send in for the new wall paper. It would be just another way
to
> show support for QRP and to let the ARRL know that we are all still here
and
> kicking! :-)
>
> And I really LOVE the idea of not having to get all those darned QSL
cards!
> After getting about 250 countries confirmed I have given up on cards. Way
too
> much time and money involved. If someone is determined to lie to get an
award,
> needing something like a little QSL card isn't going to stop them anyway!
>
> A BIG THANK YOU to the ARRL from me, one of the more vocal critics of that
> group!
>
> OK, back in my hole.....
>
> Ron, KU7Y
> ku7y@qsl.net
> Full Time RVing somewhere in the West
> Currently in Brenda, AZ.
>

Date: Sat, 29 Dec 2001 21:16:39 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-l@LeHigh.EDU>
Subject: [116378] RAC Winter Contest results-VE5QRP-
Message-ID: <Pine.LNX.4.33.0112292054030.5203-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I was able stay in for a longer time this go around and the good propagation conditions combined to make my best personal score ever in either the Summer or the Winter contests.

...It was terrific fun to make contacts and have a short chat quite often. Wishing just about everyone Happy New Year became part of my exchange... hihi...

...contacting old friends is always a kick and this year was no exception. The DX stations were rolling in and it was a great temptation to work a whole bunch of them for DXCC QRP but although I did work some DX I didn't make a career of it for this contest...

...at one point I worked 3/4 qrp stations in a row with 2 of them under 1 watt!...

John, VE3JC, and I chased each other without success until I ran a frequency SSB qrp, on either 10 or 15 mtrs (I can't remember) and John popped up and we almost had a ragchew then and there...HAR!...it was great.

There were many "thrills" that were almost like our fox hunts such as finally hearing and working VE8RAC(NWT) & VY0RAC(NU) near the end of the contest. One of the valuable thiigns the fox hunts has taught me by experience is to be very patient and hang in there and chances are you'll "bag the pelt"...

One disappointment was not running across Brian, K7RE, but I sure want to do that in one of the RAC contest runnings; how about July 1st Canada Day, 2002, Brian?...byw Brian, nice score there.

...my claimed score is 213,920 points for 403 Qs and I have e-mailed my logs in to the Contest Manager.

...thank you RAC for running these contests, which imho rank among the best....and my thanks to everyone who's "in the log."

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Sun, 30 Dec 2001 03:18:48 -0000
From: "Thom Durfee WI8W" <wi8w@arrl.net>
To: <qrp-1@lehigh.EDU>
Subject: [116379] ARRL QRP DXCC Award
Message-ID: <029401c190e0\$b30f8f60\$6401a8c0@attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I will be processing mine just as soon as the online form becomes available on the ARRL website. I support the effort but I would still encourage anyone to get the confirmation. Many other awards, including the DXCC Award offered by the QRP/ARCI requires confirmations. Getting 100 confirmed is not that hard nor expensive and also remember that the QRP/ARCI does accept e-qsls (the ARRL does not...yet) for confirmation of any contact you want to use to qualify for any of our awards.

73

Thom WI8W
Awards Manager QRP/ARCI

Date: Sat, 29 Dec 2001 22:31:46 -0500
From: "Brian" <brian@iquest.net>
To: <wi8w@arrl.net>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [116380] Re: ARRL QRP DXCC Award
Message-ID: <003b01c190e2\$8313dc10\$be492bd1@bmurrey2K>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thom,

Does ARCI require confirmation for it's DXCC like award? I thought you just had to get another ham to sign that you did get the 100. Do you have to have cards?

=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====

----- Original Message -----

From: "Thom Durfee WI8W" <wi8w@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, December 29, 2001 10:18 PM
Subject: ARRL QRP DXCC Award

> I will be processing mine just as soon as the
> online form becomes available on the ARRL website.
> I support the effort but I would still encourage
> anyone to get the confirmation. Many other
> awards, including the DXCC Award offered by the
> QRPARCI requires confirmations. Getting 100
> confirmed is not that hard nor expensive and also
> remember that the QRPARCI does accept e-qsls (the
> ARRL does not...yet) for confirmation of any
> contact you want to use to qualify for any of our
> awards.
>
> 73
>
> Thom WI8W
> Awards Manager QRPARCI
>
>
>
>

Date: Sat, 29 Dec 2001 20:48:03 MST
From: Mark E Gustoff <wo7t@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [116381] Aluminum Rig Toting Case (Cheap\$\$)
Message-ID: <20011229.204803.-2057513.0.wo7t@juno.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Fellow QRPer's

The XYL arranged for one of these under the X-mas tree, and while I admit it was intended to organize and hold some tools in this case, it is quite suitable for customizing as a rig transport.

Size is 460x325x150mm Aluminum skinned
Includes HD foam molding you may cut to size
Accessory dividers for sectioning off a little section for cable, connectors, key, etc. etc.
Very nice looking, and apparent quality (time will tell, right??)
Brand Name was Task Force w/ lifetime warranty. Price: \$19.95
Available here at Lowes Home Improvement stores in toolbox section of store.

Best wishes to the QRP efforts of all in 2002.

72,
Mark
W07T/qrp

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Date: Sat, 29 Dec 2001 22:35:18 -0500
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [116382] DSWTUN95 release 1.10...now being served...
Message-ID: <F115TMVwVn201bhsKd600013a0d@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

29 December 2001 22:35 EST

Hi, everyone.

DSWTUN95 now does 50 Hz steps, just like its little brother, DSWTUNER.

Also, added a text box in the lower left for displaying current step size.

Get the new .exe file at:

<http://www.qsl.net/n4qa/>

73.

Bill, N4QA...a post-1975 Extree :)

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>.

Date: Sat, 29 Dec 2001 22:45:53 -0500
From: "Harry Hurst" <wa3ptg@home.com>
To: <wa3ptg@home.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [116383] HB: keyers - QRP type drive1
Message-ID: <004b01c190e4\$7bbcd280\$0400a8c0@home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Glenn, I'm trying to post this again.

I've been calling it the W7ZOI 555 keyer, but Doug DeMaw may have had a hand in it too. This has been one of my favorite projects. It's as old the TT2, the parts cost me about \$3.25 minus connectors and case, and it doesn't need to be programmed. It's very basic, the only feature is the speed control.

Has anyone -- ever -- seen a pc board for this keyer?

For that small minority that doesn't know, the schematic is on page 178 of "Solid State Design for the Radio Amateur," published by the ARRL. My copy is in pieces. I've referred to this book countless times, it's one of the best buys in radio books. The book, and my J-38 are the only items left from my hamming days in the 70s.

Ten Tec has a budget keyer kit for \$12 that may be an upgrade of the 555 keyer. Can anyone give me the details of that kit? The web site doesn't waste much space on \$12 kits. If you don't have a junk box, the Ten Tec kit might be the best choice.

Yes, I know about the K1EL and the TIC keyers. My interest here is in the 555 design. Yes, PIC keyers may be better, but someone has to program them.

I'll think up some more radio bull soon.

Hap, WA3PTG
Wilmington DE

"Why, oh why, didn't I take the blue pill?"

Date: Sat, 29 Dec 2001 22:57:23 -0500
From: w4bws@juno.com
To: hamjoel@juno.com
Cc: qrp-1@Lehigh.EDU
Subject: [116384] Re: How many other exceptions?
Message-ID: <20011229.225743.-223077.0.W4BWS@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Joel, I didn't "just walk up and pass test" but I studied the ARRL handbook and practiced the code until I could copy 20 wpm at least 80%. Good thing since I went to Buffalo in 1955 and took the General test with the code machine set to 18 wpm, they forgot to reset it after the commercial test, and then took the written test and passed all elements. There were 5 of us who were buddies in high school and we studied together for two days asking each other questions from the license manual. We were all Novices with at least 6 months on the air practice. All 5 passed the exam. We didn't memorize the questions and had to draw the diagrams by hand on the exam. No calculators to do the math either-just the "old fashioned way". But there were 30 taking the test and only 12 passed- we were 5 of them.
Don W4BWS

On Sat, 29 Dec 2001 21:18:33 -0500 hamjoel@juno.com writes:
> This is interesting
> We have Thom and Jerry
> with exceptional ability to learn... how many others on the list are
> similiarly gifted...
> Wonder how many out of what we have 3,000 on the list
> that could just walk up and pass these tests in their teens or
> younger
> without
> the help of a q&a manual...

> this is truly a great gift for someone to have...I've heard
> of
> folks doing this...
> but first time I get to know one.... good for u guys...
> congratulations
>
> kella joel
> in maine
>
> -----
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> <http://dl.www.juno.com/get/web/>.

Date: Sat, 29 Dec 2001 20:58:15 -0700
From: "T.W." <wb5qyt@abq.com>
To: <qrp-1@lehigh.edu>
Subject: [116385] 817 prob
Message-ID: <MABBIKAEJNPM0AJMBKJJKEPACIAA.wb5qyt@abq.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Gang,

Anyone else experience off freq. problems with the 817? Please reply
direct.....TNX!

72, Tom WB5QYT...."Have spud will travel!"

Date: Sat, 29 Dec 2001 23:05:04 -0500
From: wkhibbert@juno.com
To: qrp-1@lehigh.edu
Subject: [116386] Ah, Memories...
Message-ID: <20011229.230505.-425295.0.wkhibbert@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings from the Depths of the Great Bergen Swamp

Way back when, I took the Novice and Technician course from RAGS, the

Radio Amateurs of Greater Syracuse, my instructor was Les, W2OQY (later W2CM).

We had regular quizzes with sample exams. How, you may ask, did we get the sample questions? Well, members of the club wrote down the questions they remembered after they took their exams and made up a pool.

When I took the test, none of the sample questions I was quizzed on was on either test (I sat in for the Novice and the Technician the same night, perfectly fine in 1965), but when I sat for the General in front of the FCC I got the EXACT SAME exam that I took for Technician! Go figure...

I squeaked thru the code, sweated blood for the 13 WPM when I upgraded for General, breezed thru the Advanced 10 years later (Guess that I learned something in that decade!) and did not get to the Extra until 1995 (I passed).

In the interim I switched career paths (I am color-blind and the Navy would not let me be an ET or RM so I became a pipefitter, close I guess), and found out that all commercial exams in my newly chosen field expected that one would take a review course prior to taking an exam. Sort of like a week of "Radio Camp" followed by your test.

People, these are some downright NASTY exams! Most of the questions are based on footnotes in the codes and exceptions to the Rules! For anyone that would like to complain about the amateur radio exams of ANY era, may I suggest that you sit in for a NAVSHIPS 250-1500 test. If you come out of that test and are not ready to babble, or get a still drink, my hat's off to you!

I just completed my CWI (Certified Weld Inspector) Exam last month under AWS D1.1. I have 30 years in metal fab and inspection and I am still shaking my head over that one. I get my results around 1 Feb 2002 and would not place a nickle bet on the test either way! Give me the Extra exam cold any day...

Why would I take such a test? Well, I like my job, and to hold onto it I need to advance. Why did I finally take the Extra? It was the next step to advance to. If a test above and beyond the Extra came out (Fat chance!) would I take it? You bet I would.

Maybe a better test for "Amateur" ability would be to drop a box containing your original Novice station in front of you and see how long it would take to put it back together, get on the air and make a contact.

I would try it if I could find a Hallicrafters SX-25 and a Viking Adventurer in this day and age!

73, Wm. Keith Hibbert, WB2VUO, TC/WNY ARRL Section
President, Brockport Amateur Radio Klub
"My night light runs more power than my Rig!!!"
mailto:wb2vuo@arrl.net

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Date: Sun, 30 Dec 2001 04:10:56 -0000
From: "Thom Durfee WI8W" <wi8w@arrl.net>
To: <brian@iquest.net>
Cc: <qrp-1@lehigh.EDU>
Subject: [116387] Re: ARRL QRP DXCC Award
Message-ID: <02ad01c190e7\$fbcb19ee0\$6401a8c0@attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Brian and the List,

According to the rules for the DXCC, WAS and WAC awards and those of the General Certification Rule, you must have the confirmations in hand before applying for the awards of QRP/ARCI. The only exception is the QRP-25 Award which only requires that you work 25 or more club members. Confirmations are not required for the QRP-25 Award. The confirmation requirement is one of the things that separates the new ARRL QRP DXCC from our DXCC Award. Our award requires the confirm and it is endorsable while the ARRL QRP DXCC does not and is not endorsable.

The GCR list is something that simply states that 2 licensed amateurs of at least General Class or higher have in fact seen your QSL cards and certify, with their signatures, that you do qualify for the award applied for. A GCR is not to be used for certifying that you only have the station recorded in a logbook.

It is also important to send along with your application, a list of stations confirmed in

callsign order. I do review these lists and I do recognize many of the DX callsigns listed on most applications. Many applicants send me copies of the QSL cards. This works best. Remember to include copies of both sides if it is a 2 sided QSL. Besides it is fun to see who worked and confirmed what station.

I strongly DO NOT recommend that you send me the original QSL card. I cannot and will not be responsible for originals sent in with an application. I lost about 150 QSL's many years ago that were sent in for endorsement on my ARRL DXCC certificate. They were never received by the ARRL and have not been found to this date. The cards were not replaceable. That is 150 countries I had to work all over again and get QSL's from.

So that is the story.

73

Thom WI8W
Awards manager QRPARCI

Date: Sun, 30 Dec 2001 04:17:56 -0000
From: "Thom Durfee WI8W" <wi8w@arrl.net>
To: <qrp-l@lehigh.EDU>
Subject: [116388] QRPARCI Awards
Message-ID: <02b901c190e8\$f5a61800\$6401a8c0@attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

the following is the link to get all the
information you will need to apply for any of the
awards offered by the QRPARCI.

<http://www.qrparci.org/arciaawds.html>

73

Thom WI8W

Awards Manager QRPARCI

Date: 29 Dec 2001 18:18:39 -0500
From: Caitlyn Martin <ku4qd@qsl.net>
To: qrp-l@lehigh.edu
Subject: [116389] =?ISO-8859-1?Q?=C2=A0Re:?= CW: not just for nostalgia buffs
Message-ID: <1009667921.6123.31.camel@localhost.localdomain>
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Mime-Version: 1.0

Jim,

That was a wonderful tribute to CW you wrote.

OK, most of my operation is still SSB, but... I now own three Mizuho rigs that put out a quarter watt or less. Can I make contacts with them on SSB? Yes, once in a while, especially on 10 and 6 meters. Can I make contacts with them on CW? Pretty much any time the bands are open.

I never did any QRPp operating before a month or two ago. None at all. When I wanted to try it I wanted to succeed at it, so I turned to CW. It seemed the best way to conquer the new challenge and make my new toys useful. What's the point of owning a rig if you're not going to make contacts with it, right?

CW will never be my favorite mode of operation. It will also never be one I abandon. In that one sense I think I parallel the hobby as a whole. CW will always be with us for all of the reasons you cite in your wonderful post, even if it isn't what the majority are doing much of the time.

Say, who else is enjoying QRP during the last two months of amazing 6m openings?

72/73,
Caity
KU4QD

Date: Sat, 29 Dec 2001 23:40:55 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: <w6toy@erols.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [116390] Re: "land grab"
Message-ID: <20011230044208.WBTN17507.imf05bis.bellsouth.net@[192.168.0.21]>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 12/22/01 1:34 PM, Bruce Muscolino at w6toy@erols.com wrote:

>You were doing allergist with just bringing back the old Novice
>license! I would also like to see the old two year minimum reinstated
>for an Extra class license too!

<sarcasm on>

Hey, and why don't we have manditory re-testing every 5 years? That ought
to really cut out the dead wood....

</sarcasm>

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Sat, 29 Dec 2001 23:52:26 -0500
From: Pete Burbank <plburbank@kih.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [116391] Re: HB: keyers - QRP type drive1
Message-ID: <5.0.2.1.0.20011229232651.00b04e60@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 10:45 PM 12/29/2001 -0500, Harry Hurst wrote:

>Glenn, I'm trying to post this again.

>

>I've been calling it the W7ZOI 555 keyer, but Doug DeMaw may have had a hand
>in it too. This has been one of my favorite projects. It's as old the TT2,
>the parts cost me about \$3.25 minus connectors and case, and it doesn't need

>to be programmed. It's very basic, the only feature is the speed control.
>

>Has anyone -- ever -- seen a pc board for this keyer?

Hap and gang.

I built mine driving a small reed relay for the output.Both contacts float so no hassle hooking to any rig.Right now that relay drives a form C reed relay mounted in the TT2 for full QSK. Plenty fast !

I heartily recommend this project as you can change speed easily. I've never seen a board or template for it.

A couple tips for success with 555s are 1. As much of a ground plane as space allows

2. A bypass

Capacitor for each chip.

3. For

stability, the timing Cs should be polycarbs

or mylars .

See you on SKN

Pete NV4V

Date: Sat, 29 Dec 2001 23:56:23 -0500

From: Bill Coleman <aa4lr@arrl.net>

To: "Chris Howard" <chris@yipyap.com>, "QRP" <qrp-1@Lehigh.EDU>

Subject: [116392] Re: Lehigh Univ. (was: Remove from List)

Message-ID: <20011230045736.WFST17507.imf05bis.bellsouth.net@[192.168.0.21]>

Mime-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

On 12/26/01 10:50 PM, Chris Howard at chris@yipyap.com wrote:

>> Gosh, I know guys who are still mad about incentive licensing....

>>

>>

>

>What is it?

Incentive Licensing was a proposal forwarded initiated by the ARRL in the mid-60s that the FCC adopted, oh, around 1968 (I could be wrong here, it was before my time). It set up the increased frequencies on HF for the higher class licensees. The intent was to "incent" hams to upgrade to Extra. It didn't work.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Sun, 30 Dec 2001 00:03:45 -0500
From: "Mike Czuhajewski" <wa8mcq@home.com>
To: <n4dd@preferred.com>, <qrp-L@lehigh.edu>
Cc: <wa8mcq@home.com>
Subject: [116393] Re: WHO IS THE QRP-L LIST ADMINISTRATOR?
Message-ID: <001001c190ef\$5ef6ca60\$6fc5b418@gambrills1.md.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

That's Jim Eshleman, N3VXI, lujce@lehigh.edu. He's been doing it since the very first day it was hosted at lehigh.edu, which is actually the third host qrp-l has had. (It was originally at think.com, then at netcom.com.) As a matter of fact, while we were at netcom.com there was no daily digest available on the host--the software there didn't provide one--and the lack of one was causing a lot of people to bail out since they couldn't handle the traffic load--and it was vastly lower than it is nowadays :-)

We were casting about for a solution when out of the blue Jim--not even a ham yet--sent me e-mail and offered to let lehigh.edu be the host. I put him in touch with Chuck Adams, K7QO (K5FO at the time), the founder of qrp-l, and they got it moved over--and the rest is history :-). The list has really prospered since he took over the administration. He's put a lot of time and effort into making it run smoothly over the years and deserves a lot of the credit for it's success.

BTW, being an administrator is not the same as being a list manager, list cop, moderator, etc :-)

73 and queue our pea DE WA8MCQ

Date: Sun, 30 Dec 2001 05:10:29 -0000
From: "Thom Durfee WI8W" <wi8w@arrl.net>
To: <qrp-l@lehigh.EDU>
Subject: [116394] Palstar AT300CN Tuner question

Message-ID: <02fd01c190f0\$4ceaeda0\$6401a8c0@attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a very dead Palstar AT300CN Tuner. At least the metering circuit is dead.

The toroid transformer on the meter board has more than a few turns of wire fused together and the component next to it (I think it was a small variable trimmer cap) is completely missing. There were little pieces all over the cabinet. I have not used this tuner for months and I believe that lightning got the thing.

The manual has no schematic and I have not had any response to emails sent to the company.

Does anyone have one of these tuners and would you be so kind to look at your meter board and see if you can get for me the component type and value. I really like this tuner and want to get it back into the shack.

you can reply off list if you like but maybe someone else has the same problem. I think it is just wrong to sell something without a schematic.

thanks in advance

73

Thom WI8W

Date: Sat, 29 Dec 2001 22:18:10 -0700
From: "Galahad" <galahad@worldnet.att.net>
To: <blinn@smgazette.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [116395] Re: Elmer needs help!
Message-ID: <010d01c190f1\$607b5ca0\$bda7510c@cnelsons>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

2 cents, if you can get permission play the Code Quick tapes.
I never picked anything up so easy!

NO ADVENTURE WITHOUT ADVERSITY
Chad Nelson KD7FDU
Boise Id

----- Original Message -----

From: blinn <blinn@smgazette.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Saturday, December 29, 2001 4:01 PM
Subject: Elmer needs help!

> I've committed myself to elmer a CW class starting in January. It's been
> a
> while since I've done this (70's) so I'm looking for ideas or if someone
> has
> a sucessful class stratedgy in recent use, perhaps you will share it with
> me.
>
> I'm also planning a small manhattan project to go along with it... the PK-
> Basic keyer probably in an Altoids tin.
>
> Thanks
>
> Bill - WA7TQK
>
>
> --
>

Date: Sun, 30 Dec 2001 06:01:58
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [116396] [SPICE] Tapped Coil Experiment and Simulations
Message-ID: <F102bdkSmLAztxc1o8y00012d13@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Well, here we go again. I finally got around to collecting

some data to compare with the simulations of a tapped coil tuning circuit.

The experimental circuit was comprised of a B & W Miniductor #3010 coil (box has a sticker saying \$.63 but I see that B & W is now asking \$15 !!!) and three 1% fixed mica caps. A 68 pF cap spanned the entire coil. A 56 pF and 330 pF cap were attached to one end. Their other ends were terminated each in a short piece of wire and clips so that they could be attached at different tap points. The #3010 coil according to B & W is 2.50 uH, 3 inches long, 3/4" diameter, 8 tpi and 18 ga. I measured the length as 2 13/16" at 24 turns (I assume that the plastic has shrunk with age).

Resonance frequency was determined using a homebrew grid dip oscillator (device can be seen at <http://www.geocities.com/alibhernlem/Radio/gdo.html>) and Sony ICF-2010 receiver. The dip was located in two stages with the probe up close and then drawn back several inches to reduce coupling. The frequency was then read off the receiver when it was tuned to the GDO.

With neither fixed cap attached to a tap point the resonant frequency was 11.195 Mc. This corresponds to an inductance of 3.00 uH with 68 pF across it.

Using the empirical formula:

$$L = (r^2) * (n^2) / (9r + 10l)$$

where:

r is coil radius in inches,
n is number of turns,
l is length in inches,
L is inductance in uH

the coil had an inductance of 2.571 uH.

Three different sets of SPICE simulations were performed based on these numbers. In all cases, the coil was simulated as two series inductors, L1 and L2, with a coupling coefficient, K. The difference in the simulations was in the way L1, L2 and K were designated.

In case 1, L1 and L2 were assigned values equal to the fraction of the number of turns comprising each segment squared times the overall inductance determined by the initial resonance

(i.e $L = 3.00 \text{ uH}$). K was set to 1.

In case 2, $L1$ and $L2$ were assigned values according to the empirical formula above considering the dimensions and number of turns in each segment. K was calculated as:

$$K = (L - L1 - L2) / (2 * (L1 * L2)^{0.5})$$

In case 3, $L1$ and $L2$ were assigned as in case 1 but using the overall coil inductance value of 2.571 uH from the empirical formula.

An example SPICE netlist is as follows:

```
* C:\My Documents\miniductor.asc
L1 N003 0 643nH
L2 N001 N003 643nH
L3 P001 0 20nH
C3 N001 0 68pF
V1 N002 0 AC .5
R1 P001 N002 100K
C1 N003 0 56pF
K1 L1 L2 1
K2 L3 L1 0.05
.AC lin 1000 8MEG 12MEG
.backanno
.end
```

[Please, any SPICE experts let me know if this approach is in error]

OK, now to the results. Data was collected with the 56 pF cap and with both the 56 pF and 330 pF caps clipped at turns 4, 6, 8, 10, 12, 18 and 24 (full coil). The table below shows the measured resonant frequency and SPICE calculated resonant frequency in Mc for each case.

Tap Pt.	Measured	Case 1	Case 2	Case 3
turns	56 pF	386 pF	56 pF	386 pF
	56 pF	386 pF		
4	11.091	10.062	11.024	10.962
	11.905	11.196		
6	10.946	8.703	10.867	9.541
	11.734	10.336		
8	10.703	7.629	10.661	8.319
	11.517	9.422		
10	10.415	6.82	10.42	7.91
			11.175	7.406
				11.266

	8.543					
12	10.065	6.197	10.146	7.159	10.821	6.72 10.961
	7.739					
18	9.097	5.006	9.214	5.443	9.751	5.405
	9.945	5.874				
24	8.319	4.322	8.255	4.312	8.913	4.656
	8.912	4.657				

Observations:

1) Case 1 MUCH more closely simulated the 56 pF tap data at all tap points than either of the other two cases.

2) While both Case 1 and Case 2 were not as good at simulating the 386 pF data, the trend in Case 2 was more similar.

Observation 2 lead me to try Case 3 since there seemed to be a discrepancy in my "measured" value of L and that predicted by formula (and according to B & W). However ...

3) Case 3 was worse in both situations.

4) The greatest deviation in the simulations from the experimental data were when the tap point was in the center of the coil and all of the simulations significantly overpredicted the resonance frequency at those at these points with the larger capacitance.

What do I think?

I am more convinced of the value of the turns fraction squared approach but still not happy with ANY of the simulations as good predictors of reality.

Folks, am I doing something wrong in my simulations? What are YOUR thoughts?

Best Regards and Happy New Year,

Brad KG6IOE

MSN Photos is the easiest way to share and print your photos:
<http://photos.msn.com/support/worldwide.aspx>

Date: Sun, 30 Dec 2001 06:47:15 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: wi8w@arrl.net, qrp-1@Lehigh.EDU
Subject: [116397] Re: HMMMMMMMMM!
Message-ID: <F70jbDt3HvoFOAmEaJs00011f92@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: "Thom Durfee WI8W" <wi8w@arrl.net>
>Reply-To: wi8w@arrl.net
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: HMMMMMMMMM!
>Date: Sun, 30 Dec 2001 00:16:39 -0000
>
>Steve "Melt Solder" KD1JV wrote:
>
>> I'll freely admit, I memorized the Q's and A's
>for all the ham exams I
>ever
> > took and promptly forgot most of them after the
>test. After all, I wanted
>to
> > pass the test and I'm sure every last one of you
>did the same thing!
> >
>
>
>Sorry but I did not ever memorize questions to
>pass any amateur exam. When I tested for my
>Novice ticket in 1977 all I had to study with was
>the initial edition of Tune In The World and if I
>remember right it had no questions.
>
>For all the other exams I used the ARRL Handbook
>to "learn" all I needed to know to pass any exam.

[deleted]

We have multiple choice exams for our RAE here in the UK. It's probably a better system, in that you can't pass by learning an entire pool of questions and answers, as I think you can do with at least one of the US

exams. It's not particularly difficult though. I got a distinction in the technical paper and a credit in the license conditions paper, with about three hours of revision in the morning for the latter. I have got an electronics background, which helped a lot, and I'd been playing about with Rx design and construction for years.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon_heller@hotmail.com

My web page: http://www.geocities.com/leon_heller

My low-cost Altera Flex design kit: <http://www.leonheller.com>

Chat with friends online, try MSN Messenger: <http://messenger.msn.com>

Date: Sun, 30 Dec 2001 02:03:21 EST

From: K5BDZ@aol.com

To: blinn@smgazette.com, qrp-1@lehigh.edu, hqrp@stevens.com,
GQRP@yahoogroups.com

Subject: [116398] Re: Elmer needs help! (teaching CW)

Message-ID: <10e.a01e978.29601639@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

<I've committed myself to elmer a CW class starting in January. It's been a while since I've done this (70's) so I'm looking for ideas or if someone has a successful class strategy in recent use, perhaps you will share it with me.....

Thanks

Bill - WA7TQK>

Bill

My most successful method of teaching CW (off and on for 30 years) is to encourage the students to S-P-E-L-L O-U-T T-H-E W-O-R-D-S C-O-M-P-L-E-T-E-L-Y when sending the code...from beginning start until they are over 25 wpm. In the classroom and Especially when they get on the air. (I still do just that in all my QSO's and my speed is over 55 wpm on a good day...usually 25 to 35 wpm)

I find this not only keeps them from worrying about some "made up" abbreviation of others, it ALSO allows them to anticipate easy words, relax and let their mind catch up to be ready for the next "unknown" character.

Also, as we progress past 8 wpm, I use a programmable keyer (AEA CK-1) that allows me to key in the code speed desired. Sooooo, as we are sending over a 30 minute period, I creep up the code speed about 1 wpm every other transmission.

I also instruct my class to relax, don't worry about copying every character, just enough to understand what is being sent. Of course, about 11 wpm I send them geographical locations, i.e. Constantinople, etc...Hi!

One more method..the Bell Curve...10 minutes "on," 5 minutes "off" until they learn the code and are trying to converse via CW with each other.

Fun brings relaxation...relaxation brings better retention...and hence faster code speeds...and a great enjoyment of CW for now as well as the future.

GOOD LUCK! If you need code tapes, I probably have a few I'll donate, provided you pass them along when you "retire" from teaching CW. Let me know.

Bill K5BDZ

Date: Mon, 10 Dec 2001 17:42:01 -0200
From: "Bill Meara" <n2cqr@clix.pt>
To: <qrp-1@lehigh.edu>
Subject: [116399] DC RXs -- AF filtering, shielding
Message-ID: <000001c1821c\$faee4920\$25de17c3@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've been tinkering with the DC RX in my HB 17 mtr DSB RX. I wanted to knock down some of the high freq audio that was making the receiver a bit uncomfortable to listen to. I got good results by just putting a .5 uf cap and an 18 K resistor to ground from the input of the audio amp.

I have a question about the need for shielding around the local oscillators in DC receivers. I know this is recommended, but I've found that my DC receivers seem to work just fine with little or no shielding around this stage. And I just took a look inside my trusty HW-8 and I don't notice any shielding around the L0 there.

I know the idea is to keep L0 energy from getting into the RX front end, but even with really extensive shielding, is it possible to keep an L0 that is operating just inches away from the front end from getting energy into the front end?

BTW I had good luck with the 1 watt portable version of my 17 meter DSB rig. I took it with me to New York over Thanksgiving and was able to work a number of stations out to about 1000 miles. I had some very pleasant, solid QSOs. I didn't have much luck when using an end fed half wave, so I went to Radio Shack, bought some coax and made a dipole. That worked much better.

73 de Bill CU2JL (aka N2CQR)
Sao Miguel Island
The Azores, Portugal
37.7 N 25.6 W
<http://planeta.clix.pt/n2cqr>

Date: Sun, 30 Dec 2001 00:27:17 -0800
From: "Mike Silva" <mjsilva697@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,
<glowbugs@piobaire.mines.uidaho.edu>
Subject: [116400] Re: Back-to-back Xfmrs for tube transmitters
Message-ID: <01f301c1910b\$cd81fb00\$c2fab3d1@computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I let my test setup (built with drywall screws on a foot-long piece of 2x4, BTW) run about two hours more, delivering 80 mA @ 138V (oddly, higher than the 132V I measured earlier). That's about 11W DC. The input transformer got quite warm, but I was still able to rest my palm on it indefinitely with no discomfort. The second transformer became only moderately warm. Based on this, and on CW duty cycles, I'd have no concerns using such a setup to provide up to 15W key-down DC input (at 100 mA the voltage only dropped to 136V). It would certainly provide 7-8W for a QRP gallon without breaking a sweat.

73,
Mike, KK6GM

----- Original Message -----
From: "Mike Silva" <mjsilva697@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, December 29, 2001 6:03 PM
Subject: Back-to-back Xfmrs for tube transmitters

> There was some question (skepticism!) on the QRP list recently about using

> back-to-back filament transformers to provide B+ for a small transmitter.
> Being curious about this myself I wired up a circuit consisting of two
Radio
> Shack 12.6VCT 3A transformers back-to-back, driving a full wave bridge and
a
> 33 uF filter cap. I used a 1625 tube (807 with a 12V heater) as a
variable
> load, with heater driven from the first transformer and control grid
driven
> from 18V (two 9V batteries in series) across a pot. The tube was
connected
> in triode mode (screen and plate tied together). Here's what I found (I'm
> sure the columns won't line up!):
>
> B+(V) Ip(mA)
>
> 156 0
> 153 10
> 150 20
> 147 30
> 144 40
> 142 50
> 140 60
> 135 70
> 132 80
>
> At this point the readings were bouncing around quite a bit as I didn't
have
> enough filtering to handle the current load, so I stopped. I ran the
setup
> for an hour at 70 mA (10W DC load) and the transformers were just
moderately
> warm. Tonight I'll crank it up a little more and let it run for a few
> hours.
>
> This tells me that these two transformers back-to-back have plenty of
> capacity to handle a QRP-level (or more) transmitter. Some tubes designed
> for low B+ (e.g. 12L6, 12DB5) would run quite nicely at 130-140V. Tubes
> designed for higher voltage (12AQ5, 5763) might need a voltage doubler to
> get the most power out of them, but even these tubes should be able loaf
> along at QRP levels with 140V. So, just do it!
>
> 73,
> Mike, KK6GM
>
> P.S. Don't forget the 5763 has a 6.3V heater! Just connect it across one
> lead of the 12.6V secondary and the secondary center tap. If you use a
> separate (6V) oscillator tube connect that heater across the other side of

> the secondary to help balance the load.
>
>

Date: Sun, 30 Dec 2001 01:36:04 -0800
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [116401] Great Day on the Bands!
Message-ID: <008401c19115\$66fec40\$1d9eb2d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Boy I had a lot of fun on the air today! The YL was gone and I had all day to play radio!!! Worked on my TT2 (Thanks Jay!!!) a bit and listened for guys on the various bands. My CW has come a long way in that last 6 months thanks a lot to you guys! I'm never going to let that lapse again. Peggy WB6LRV gave me a good workout early this morning, and then I worked a bunch of guys on 10 and a couple on 15 including a new QRP WAS State! 40 was a bit noisy tonight but managed a quick Q with Paul KB0LUR on his K1. I tried to put my 49er on tonight, but the band was just a bit too crowded. I may try that again tomorrow. Hope to work a bunch of you during SKN. I haven't decided which rig to run, as my buddy Joe may whip out the Ameco AC-1, which would be fun to use. The Burbank guys are getting together for New Years, so I'm sure that in between celebrating we'll be taking turns at the key over at David WD4PLI's QTH. I'll probably take along my HW-8 as well, since that was my Novice rig. Happy New Year to all of you and let's hope for some new interesting projects and events this next year! Thanks to all of you that made 2001 a great year!

Best 72/73's
Trev
KG6CYN

Date: Sun, 30 Dec 2001 06:04:13 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <w4bws@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [116402] Re: How many other exceptions?
Message-ID: <Pine.LNX.4.33.0112300552450.1629-1000000@Daisy.dog>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

What happened in 1955 is of intense interest to the individual and of no interest to a person interested in becoming a Ham today. Here is what you need to succeed today.

There are 3 written exams and they are drawn from 500 question pools in each case. So if you have a great memory you only need to memorize 1500 questions. If your memory is like mine forget memory and learn a few things. I like the written test game they have on QRZ.com where it gives you an exam for the license your working on. These tests come from the actual 500 question pool.

CW requirements are now 5 wpm. It is still the stumbling block it has been from the begining. Anyone who thinks 5 wpm is easy to learn is wromg. In fact, after you get good at 5 wpm your ready for quick upgrade to 13 wpm. But that 5wpm is hard and it still keeps people from passing to General.

On Sat, 29 Dec 2001 w4bws@juno.com wrote:

> Joel, I didn't "just walk up and pass test" but I studied the ARRL

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Sun, 30 Dec 2001 13:22:51 -0000
From: "Thom Durfee WI8W" <wi8w@arrl.net>
To: <qrp-l@lehigh.EDU>
Subject: [116403] learning CW
Message-ID: <032d01c19135\$1507a000\$6401a8c0@attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Karl hit the nail right on the head with this
quote:

"CW requirements are now 5 wpm. It is still the stumbling block it has been from the beginning. Anyone who thinks 5 wpm is easy to learn is wrong. In fact, after you get good at 5 wpm your ready for quick upgrade to 13 wpm. But that 5wpm is hard and it still keeps people from passing to General."

It was especially hard for me when I was studying for the Novice back in 1977. My Elmer really did not have enough time with his busy schedule to send me Morse Code practice everyday so all I had was a cassette tape from the ARRL that was only 1 hour long. Well you can imagine that it did not take very long before I had the whole tape memorized. On top of that, I had learned Morse Code using a flashlight while a boy scout. Handy you say? Nope. I would hear the sounds of the letters, convert it to flashes of light in my head and then write it down. It took me about a year of intense study to break that habit.

Cw easy? Maybe for some, but certainly not for me.

All I can say from teaching this stuff for over 25 years is there are many tricks to learning Morse and many more for building up the speed. One of the tricks I have for my students in my Tech classes is learn how the characters sound and then everything you see or read sound the letters out. You will get some very strange looks from strangers, wives, husbands, boyfriends and girlfriends but hey everyone thinks ham radio operators are strange anyway, dont they? This method will prove it.

For building speed there is nothing like a good CW contest. It will be tough in the beginning if you are only at 5 wpm and most of the stations in the contest will be doing 30+ but I have found that most will slow down for you and before you know it you too will be up to that 30+ bracket.

I used the 1990 IARU HF Championship contest to

boost my code speed from about 20 wpm to up over 40 and believe it or not it was really fun and easy. Unfortunately with non-use that has slipped a fair bit but I don't think it will be very hard to get the speed back where i want it to be.

73

Thom WI8W

Date: Sun, 30 Dec 2001 08:40:45 -0500
From: Bob Schreibmaier <k3ph@dxis.monroe.pa.us>
To: Thom Durfee WI8W <wi8w@arrl.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [116404] Re: learning CW
Message-ID: <20011230084045.A15507@dxis.monroe.pa.us>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Hey Thom,

On Sun, Dec 30, 2001 at 01:22:51PM -0000, Thom Durfee WI8W wrote:

> On top of that, I had learned Morse
> Code using a flashlight while a boy scout. Handy
> you say? Nope. I would hear the sounds of the
> letters, convert it to flashes of light in my head
> and then write it down. It took me about a year
> of intense study to break that habit.

Wow! And I thought I was the only one! Apparently, this was a common procedure in the Boy Scouts (maybe it still is?). I had the same problem. It took me from February 1966, when I first decided I wanted to become a ham, until November before I could finally get my speed up to about 7 wpm. Then, I took the test. Wanted a bit of a buffer, as I am very bad at taking tests. 8^) Took until about July 1967 before I got the speed up to about 15 wpm and finally got the courage to take the General test.

I just wanted to get up to 13 wpm, pass the General, and never touch a key again for the rest of my life. Funny thing, though, when you start to get pretty good

at Morse, it starts to become fun. 8^)

One of the things that concerns me about having all the Morse testing at 5 wpm is how are people learning it? Are people learning with the thought of only being able to do 5 wpm or are they learning with higher speed characters and enough spacing between letters, so they can eventually get faster? Morse at 5 wpm is not a very useful skill, but, once you get up to about 15, it starts to become quite useful -- and fun!

72,
Bob

--
+----- \- \- \- \- -----+
| Bob Schreibmaier K3PH | E-mail: k3ph@dxis.monroe.pa.us |
| Kresgeville, PA 18333 | http://www.qsl.net/k3ph |
+-----+

Date: Sun, 30 Dec 2001 08:48:38 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: John Wagner <john@wagner-usa.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [116405] Re: Stop bashing newcomers (and not so new hams)
Message-ID: <3C2F1B36.7A24911D@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John,

>
> You didn't. Which is why I said "I can only imagine..."
>
So, you attribute a thought/statement to me without any evidence. I can only imagine what a #\$\$#^ you are!
>
> > against any new extra for technical competence! The new extras know a
> > lot about new modes, but not a lot about being hams!
>

And I meant that. Too many newcomers seem to feel that is they can pass a written test, build a simple kit, and they know it all! Digital experience means little. What they need to do is buy a Handbook and a copy of Solid State Design for the Radio Amateur and do some studying -

not just reading - but studying. Then spend a year or two trying all the modes, or at least the mar modes like CW and SSB. And operate on all frequencies. Then they will know a whole lot more about ham radio!

So, I am not going to posit any more, you know how a feel about you and your slanderous remarks.

Date: Sun, 30 Dec 2001 07:58:20 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [116406] RE: Lehigh Univ. (was: Remove from List)
Message-ID: <01C19107.BFD9B8C0.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Bill Coleman [SMTP:aa4lr@arrl.net]
>The intent was to "incent" hams to upgrade to
>Extra. It didn't work.

It worked on me.

72--Nick, WA5BDU

Date: Sun, 30 Dec 2001 08:57:46 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [116407] Re: Stop bashing newcomers (and not so new hams)
Message-ID: <3C2F1D5A.E424B6AE@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, I see Karl is still bashing me. If he was a real gentleman he would at least read what I have to say instead of carping from the sidelines.

Date: Sun, 30 Dec 2001 09:00:22 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [116408] Re: Stop bashing newcomers (and not so new hams)
Message-ID: <3C2F1DF6.340963BD@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Karl,

So you didn't go to college, not surprising that your behavior also shows you didn't even finish grade school! If you keep dumping those you disagree with into your dev/nul hopper, pretty soon you won't have anyone to talk to!

73

Date: Sun, 30 Dec 2001 09:08:28 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: chris@yipyap.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [116409] Re: Stop bashing newcomers (and not so new hams)
Message-ID: <3C2F1FDC.20FCB5F9@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Chris,

Good points, let me ask you:

How many repeaters were there in 1975?

And how many hams wanted to exchange computer programs via packet in 1975?

For your information, I was using repeaters and understood them before 1975. I also was on packet before 1975. I couldn't find anyone who wanted to rag chew, they just told me they wanted to exchange computer programs. I said buy a disk and a stamp! Go figure, not all parts of ham radio are equally attractive to everyone, but the mainstream (defined as CW and SSB in 1975) seem to remain.

73

>
> How many extras in 1975 knew how to put together a repeater?
> How many extras in 1975 knew anything about packet radio,
> boolean logic, digital filtering, or satellite modes?
>
> I submit there's a lot more to know now then there was then.
>
> Chris
> kc0atc
> current Estes Park weather -- <http://www.yipyap.com/wscurrent.html>

Date: Sun, 30 Dec 2001 08:19:42 -0600
From: "Joe Spencer" <kk5na@quadj.com>
To: <wi8w@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [116410] Re: learning CW
Message-ID: <005301c1913d\$068fbb40\$6601a8c0@joes>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I believe the reason that 5 wpm is a stumbling block and hard is because it is really the wrong speed to learn code at. It is too slow, at that speed you learn dits and dahs and not the real sound of the letter. But alas that is the way most of us learned and still learn...and teach.

But once learned and used I think it is great fun. I watched my 6 year old granddaughter sit down the other day with a MFJ practice key/oscillator and a sheet with the Morse Code on it and start sending her name, her brothers and then all her friends names. I hope to get her on to a paddle soon haha.

72 es Happy New year
Joe KK5NA

----- Original Message -----
From: "Thom Durfee WI8W" <wi8w@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, December 30, 2001 7:22 AM
Subject: learning CW

> Karl hit the nail right on the head with this
> quote:

>
> "CW requirements are now 5 wpm. It is still the
> stumbling block it
> has been from the beginning. Anyone who thinks 5
> wpm is easy to learn is
> wrong. In fact, after you get good at 5 wpm your
> ready for quick upgrade
> to 13 wpm. But that 5wpm is hard and it still
> keeps people from passing to
> General."
>
>
> It was especially hard for me when I was studying
> for the Novice back in 1977. My Elmer really did
> not have enough time with his busy schedule to
> send me Morse Code practice everyday so all I had
> was a cassette tape from the ARRL that was only 1
> hour long. Well you can imagine that it did not
> take very long before I had the whole tape
> memorized. On top of that, I had learned Morse
> Code using a flashlight while a boy scout. Handy
> you say? Nope. I would hear the sounds of the
> letters, convert it to flashes of light in my head
> and then write it down. It took me about a year
> of intense study to break that habit.
>
> Cw easy? Maybe for some, but certainly not for
> me.
>
> All I can say from teaching this stuff for over 25
> years is there are many tricks to learning Morse
> and many more for building up the speed. One of
> the tricks I have for my students in my Tech
> classes is learn how the characters sound and then
> everything you see or read sound the letters out.
> You will get some very strange looks from
> strangers, wives, husbands, boyfriends and
> girlfriends but hey everyone thinks ham radio
> operators are strange anyway, dont they? This
> method will prove it.
>
> For building speed there is nothing like a good CW
> contest. It will be tough in the beginning if you
> are only at 5 wpm and most of the stations in the
> contest will be doing 30+ but I have found that
> most will slow down for you and before you know it
> you too will be up to that 30+ bracket.
>

> I used the 1990 IARU HF Championship contest to
> boost my code speed from about 20 wpm to up over
> 40 and believe it or not it was really fun and
> easy. Unfortunately with non-use that has slipped
> a fair bit but I don't think it will be very hard
> to get the speed back where i want it to be.

>
> 73
>
> Thom WI8W
>
>

Date: Sun, 30 Dec 2001 09:17:03 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: myetsko@insydesw.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [116411] Re: Stop bashing newcomers (and not so new hams)
Message-ID: <3C2F21DF.DDE40B17@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike,

I wasn't bashing airframe engineers. I can point to a number of failures that they are responsible for though!

I agree that modern techniques and methods should be used whenever possible. But if I gave you a Pentium IV you would have a hard item making it into a radio without a lot of peripherals!

73

Date: Sun, 30 Dec 2001 09:28:22 -0500
From: W2AGN <w2agn@pobox.com>
To: Bill ROWLETT <kc4atu@yahoo.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [116412] A clarification
Message-ID: <01123009282209.02369@CC2289974-A>
Content-Type: text/plain;

charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

On Saturday 29 December 2001 20:48, Bill ROWLETT wrote:

> Brian,
>
> The point is that there is no point. Two people who
> have inflated opions of themselves manage to get the
> group all upset ever couple of months. They go on
> about how they know more about anything then anybody
> else.
>
> It seems that they now feal that an extra ticket
> somhow improves their status. All it does is it gives
> them more freq. to operate on. That is all it ever
> gave them and it is all it gives anybody. A upgrade
> only gives more operating freq's. nothing more. that
> was the reason for the incentive program. You would
> study and upgrade to get the added operating freq's.
> But these two think it makes them better than anyone
> else. They just prove themselves wrong with their
> every post.
>

--

Ok, let me make a couple things clear, as there seems to be a misunderstanding.

1. I never suggested I knew more about anything. I don't think that my posts on the "newcomer-bashing" thread support that. I am not the one(s) who have posted how they got their Extras when they were 13, along with their 1st Class Commercial, without studying. (Actually, I didn't get my 1st Class until I was 16. Just retarded, I guess).

2. I am NOT bashing newcomers. I think it cannot be argued that the "old" Extra Class, taken in front of an FCC examiner, with 20 wpm code speed took a bit more effort and knowledge than memorizing a bunch of questions, and having no idea of the theory behind them. If newcomers choose to increase their knowledge and operating skills by actually putting forth the effort to LEARN these things, more power to them.

3. I used the simile of today's college graduate. I did not say ALL college graduates were illiterate, but inarguably, some are. I received 2 rebuttal posts that more than anything I can say, demonstrated that.

4. Perhaps a better example would be, imagine yourself lying on a gurney,

going to surgery for a quadruple bypass. Your doctor has told you your surgeon has attained the highest rating in the board certification for cardiologists. As you drift off with the anesthetic you hear him say. "Nurse, get my Elmer on the phone. I just memorized the questions on this procedure, and don't really know how to do it."

5. What started this was an Extra Class Ham, demonstrating NO knowledge of basic theory, which one would expect even a Novice or Technician to have. That "ham" whines that she/he needs "elmering." The Elmering should have taken place BEFORE the Extra Exam! Bruce responded in his sensitive, inimitable style, but his point was, if you claim to have an "Extra" class, you will be expected to have the knowledge concomitant with that class. This isn't "elitism." You expect the privileges (extra bands, 2 letter calls, etc), so you better demonstrate that you earned them!

Address all hate mail to Bruce. Hate mail sent to me will be graded, and forwarded to your old High School English teacher.

John L Sielke W2AGN
w2agn@pobox.com
<http://www.qsl.net/w2agn>
Trustee: W3IYQ

Date: Sun, 30 Dec 2001 09:31:48 -0500
From: W2AGN <w2agn@pobox.com>
To: Bruce Muscolino <w6toy@erols.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [116413] Re: Stop bashing newcomers (and not so new hams)
Message-ID: <0112300931480A.02369@CC2289974-A>
Content-Type: text/plain;
charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

On Sunday 30 December 2001 09:08, Bruce Muscolino wrote:

> Chris,
>
> Good points, let me ask you:
>
> How many repeaters were there in 1975?
>
> And how many hams wanted to exchange computer programs via packet in
> 1975?

> 73

>
> > How many extras in 1975 knew how to put together a repeater?
> > How many extras in 1975 knew anything about packet radio,
> > boolean logic, digital filtering, or satellite modes?
> >
> > I submit there's a lot more to know now then there was then.

--

No kidding! In 1975, I was in Great Falls, MT. I remember driving up to Sweetwater Mountain, near Havre, to maintain the 2 Meter repeater there. Always had to walk the last mile, through the snow! Those were the good old days!

John L Sielke W2AGN
w2agn@pobox.com
<http://www.qsl.net/w2agn>
Trustee: W3IYQ

Date: Sun, 30 Dec 2001 09:29:52 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: blinn@smgazette.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [116414] Re: Elmer needs help!
Message-ID: <3C2F24E0.5DC88B9D@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, it seems to me that the idea should be to teach them to use the code, so anything you can do to make that more fun and easier is good. You didn't say what level your students are so if they are absolute newcomers, I would start with teaching them to copy the code. A technique that worked well when I started is to teach a few letters, say no more than three, by repeatedly sending them until everyone can copy them by sound. Ask them to reinforce this by whistling the characters to themselves every time they see them during the week. Then the next class send these characters mixed in with other characters to see how well they learned. Add three or four more characters and do the same thing each week until they have the whole alphabet and numbers down. Also include prosigns, they are pretty easy when they have learned the other characters. Once you have the class up to say 60 to 75 percent of the alphabet, make some tapes of W1AW code practice at 5 wpm and play then for the class to copy.

You should grade them on their performance. After all, the objective is to copy the code, not guess at it. Use some practice exams of the type they will have to take for a license to judge their performance.

As far as a project, a keyer is nice, nut a code practice oscillator is better!

73

Date: Sun, 30 Dec 2001 14:16:52 +0000
From: Larry Cahoon <lejek@erols.com>
To: mswmod@bigplanet.com,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [116415] Re: QRP DXCC
Message-ID: <5.1.0.14.0.20011230141605.00bb5ae0@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 06:39 PM 12/29/2001 -0700, Ron KU7Y wrote:

>Hi All,

>

>My application is now in the mail. That should have it arriving there at
>about

>the right time. I'd like to encourage everyone who has worked 100 or more

Mine will be in the mail in less than a week.

73 de Larry.....WD3P in MD
<http://www.qsl.net/wd3p/>

Date: Sun, 30 Dec 2001 14:18:37 +0000
From: Larry Cahoon <lejek@erols.com>
To: wi8w@arrl.net,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [116416] Re: ARRL QRP DXCC Award
Message-ID: <5.1.0.14.0.20011230141730.00bbf330@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 03:18 AM 12/30/2001 +0000, Thom Durfee WI8W wrote:

>I will be processing mine just as soon as the

>online form becomes available on the ARRL website.

>I support the effort but I would still encourage

It should be there. I downloaded the form when the award was first
announce. Now I just have to figure out where I put it, or go get another
copy.

73 de Larry.....WD3P in MD
<http://www.qsl.net/wd3p/>

Date: Sun, 30 Dec 2001 09:49:57 -0500
From: "N8IE" <n8ie@woh.rr.com>
To: "QRP-1" <qrp-1@lehigh.edu>
Subject: [116417] RE: Stop bashing newcomers (and not so new hams)
Message-ID: <MMEDLKDLDLONJOAIGICDJAAEELCAAA.n8ie@woh.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Well in 1975 I was 13.
I only cared about not missing M*A*S*H.
Loved my Archie Bunker for President Tee shirt.
Had my first beer with my best buddy, we stole it from his uncle's car.
Had a pretty good Playboy magazine collection going.
Hated school but was in love with the English teacher, she must have been
24-25 and loved to not button the top three buttons of her blouse.
Put over 300 miles on my bicycle that summer.

72, oo
Dan, N8IE
FPQRP #-6, FISTS #4985
QRP-1 #1404, ARCI #11003

-----Original Message-----
From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
W2AGN
Sent: Sunday, December 30, 2001 9:32 AM
To: Low Power Amateur Radio Discussion
Subject: Re: Stop bashing newcomers (and not so new hams)

On Sunday 30 December 2001 09:08, Bruce Muscolino wrote:
> Chris,
>

> Good points, let me ask you:
>
> How many repeaters were there in 1975?
>
> And how many hams wanted to exchange computer programs via packet in
> 1975?

> 73
>
> > How many extras in 1975 knew how to put together a repeater?
> > How many extras in 1975 knew anything about packet radio,
> > boolean logic, digital filtering, or satellite modes?
> >
> > I submit there's a lot more to know now then there was then.

--

No kidding! In 1975, I was in Great Falls, MT. I remember driving up to Sweetwater Mountain, near Havre, to maintain the 2 Meter repeater there. Always had to walk the last mile, through the snow! Those were the good old days!

John L Sielke W2AGN
w2agn@pobox.com
<http://www.qsl.net/w2agn>
Trustee: W3IYQ

Date: Sun, 30 Dec 2001 09:56:54 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: Bill Coleman <aa4lr@arrl.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [116418] Re: "land grab"
Message-ID: <3C2F2B36.1A075DB@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bill,

Indeed, why not!

>
> Hey, and why don't we have mandatory re-testing every 5 years? That ought
> to really cut out the dead wood....

>

Date: Sun, 30 Dec 2001 15:03:56 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: n2cqr@clix.pt, qrp-1@Lehigh.EDU
Subject: [116419] Re: DC RXs -- AF filtering, shielding
Message-ID: <F149PJI5RxGwIPv1KWz000120c6@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: "Bill Meara" <n2cqr@clix.pt>
>Reply-To: n2cqr@clix.pt
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: DC RXs -- AF filtering, shielding
>Date: Mon, 10 Dec 2001 17:42:01 -0200
>And I just took a look inside my trusty HW-8 and I don't notice any
>shielding around the L0 there.
>
>I know the idea is to keep L0 energy from getting into the RX front end,
>but
>even with really extensive shielding, is it possible to keep an L0 that is
>operating just inches away from the front end from getting energy into
>the front end?

I think it helps to reduce microphonic effects. I can't remember exactly why, though.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon_heller@hotmail.com
My web page: http://www.geocities.com/leon_heller
My low-cost Altera Flex design kit: <http://www.leonheller.com>

Chat with friends online, try MSN Messenger: <http://messenger.msn.com>

Date: Sun, 30 Dec 2001 09:15:14 -0600
From: Dave Sjolín <sjolin@swbell.net>
To: k5di@zianet.com

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [116420] Re: How many other exceptions?

Message-ID: <3C2F2F81.619DCAAB@swbell.net>

MIME-version: 1.0

Content-type: text/plain; charset=us-ascii

Content-transfer-encoding: 7BIT

"Karl F. Larsen" wrote:

> CW requirements are now 5 wpm. It is still the stumbling block it
> has been from the begining. Anyone who thinks 5 wpm is easy to learn is
> wromg. In fact, after you get good at 5 wpm your ready for quick upgrade
> to 13 wpm. But that 5wpm is hard and it still keeps people from passing to
> General.

Karl, my experience has been anyone motivated to learn the code can do
so and quickly.

For example, several years ago, a young female friend of mine wanted to
learn the code because her dad was a ham and he had always hoped that
she would get a license too. His birthday was ten days away and she
wanted to learn the code well enough to have an on-air qso with him as a
special birthday present. I tought her the code over drinks and chicken
wings over two nights. Gave her a tape to listen to on way to and back
from work. Then we spent a few more nights over beers gossiping in morse
only.

We made a schedule with her dad and this YL with no license carried on a
coherrent conversation with her father, on her own, at speeds of between
10 and 13 wpm. This was accomplished in ten days. And she had never
touched a key until the day of the qso.

The point is that if you are motivated or learn the code under the
influence, you can go from zip to 13 wpm in ten days. Maybe not the one
minute written copy with no characters missing required in the 60's but
certainly adquate to "quess" the answers to several multiple choice
questions for the CW test today.

73 de Dave, N0IT

Date: Sun, 30 Dec 2001 10:31:49 -0500

From: John Wagner <john@wagner-usa.net>

To: Bruce Muscolino <w6toy@erols.com>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [116421] Re: Stop bashing newcomers (and not so new hams)

Message-ID: <3C2F3365.34FEA010@wagner-usa.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bruce Muscolino wrote:

>
> John,
> >
> > You didn't. Which is why I said "I can only imagine..."
> >
> So, you attribute a thought/statement to me without any evidence. I can
> only imagine what a #\$\$%#^ you are!

Your posts showed plenty of evidence Bruce - if they didn't I don't think so many here would have gathered a similar conclusion. The thought/statement was in your statement that "Extras today wouldn't match up to pre-1975 Extras" and the surrounding paragraphs. You said that, not me.

Do be careful though, your hatred is showing, and it doesn't look good.

> > > against any new extra for technical competence! The new extras know a
> > > lot about new modes, but not a lot about being hams!
> >
> And I meant that. Too many newcomers seem to feel that is they can pass
> a written test, build a simple kit, and they know it all! Digital

I've yet to run into any newcomers like this. In fact most newcomers I've run into have been exactly the opposite of that. Thankfully most of the OT's I've run into have been exactly opposite of the blanket "your Extra ticket is no good" ilk too.

You see Bruce, most of us "newbies" actually like hearing from the OT's, on this list and elsewhere. We enjoy hearing how things were in the past. You might notice a few OT's on this list share some very insightful and education experiences. You might also notice they don't compare themselves to hams of today, nor do they insult them or insinuate that because they did it in 1951 they are better and more knowledgeable.

> experience means little. What they need to do is buy a Handbook and a
> copy of Solid State Design for the Radio Amateur and do some studying -
> not just reading - but studying. Then spend a year or two trying all

Your version of it, obviously.

What they *need* to do is pass 3 tests and a CW test to get an Extra. Anything else after that (and up to that) is up to them. In fact, there

is nothing that says they ever NEED to operate a radio to be an Extra class ham and I don't think that requirement has EVER been there.

> So, I am not going to posit any more, you know how I feel about you and
> your slanderous remarks.

mmmmmm, something tells me there's a bit more slithering under your skin
then my previous post. Good luck working it out.

If you want to discuss this further, please email me privately.

To the list: I've been a bit OT lately, I do apologize. There are a
couple of "hot buttons" for me; CW requirements and the "you're not a
real Extra class" issues. So I've replied and argued about both recently
where in the past I've just deleted them. Sorry, I'll stop, I don't
think it's benefiting anyone.

73,

John, N1QO

--

John Wagner - john@wagner-usa.net
Web page: <http://www.neknetwork.com>

Date: Sun, 30 Dec 2001 09:30:48 -0600
From: Dave Sjolín <sjolin@swbell.net>
To: nkennedy@tcainternet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [116422] Re: Lehigh Univ. (was: Remove from List)
Message-ID: <3C2F3328.68ED2F8B@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Nick Kennedy wrote:

>
> -----Original Message-----
> From: Bill Coleman [SMTP:aa4lr@arrl.net]
> >The intent was to "incent" hams to upgrade to
> >Extra. It didn't work.
>
> It worked on me.

It worked on me too although I admit it took ten years to accomplish. At
first I was in college, then grad school, then off to the big city with
no way of effectively operating on HF from highrise apartment. Once I

moved to burbs and interest in HF was rekindled, I wanted those additional frequencies because that's where the good dx was hiding. I did the upgrade to Advanced and then to Extra.

Except for the 20 wpm code requirement, the Extra exam was significantly EASIER than the Advanced. If you learned the "basics" of RTTY, Slow-scan, and satellites and knew the latest FCC rules, and memorized a few formulas it was a breeze.

73 de Dave, N0IT

Date: Sun, 30 Dec 2001 10:31:41 -0500
From: "Mark J. Dulcey" <mark@buttery.org>
To: aa4lr@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [116423] Re: [OT] History of Incentive Licensing
Message-ID: <3C2F335D.9030609@buttery.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Bill Coleman wrote:

>
> * School clubs failed. Rather than have access to all frequencies by
> getting a General, students perceived the Extra as too great an
> obstacle. Those who would otherwise be interested in amateur radio fell
> away. Without membership, these clubs collapsed. Amateur radio stopped
> growing.

It was worse than that - the rules at the time required you to have been a licensed ham for two years before you were eligible for an Extra license, so the majority of members of a typical school club couldn't even get one if they wanted to.

You forgot, however, to mention the Advanced license, which was introduced as part of the incentive licensing scheme. It gave you almost all the phone privileges (except for a 25 kHz piece of 75 meters) and a reasonable chunk of CW (all but the first 25 kHz of each band). There was no time restriction on Advanced; you could get it as your first license if you wanted to. And, given the testing structure of the time, it was right for anyone testing for General to actually sign up for the Advanced test; if you failed the Advanced element (which was given last) but passed the others, you still got a General license.

In hindsight, a solution might have been to grandfather existing General licenses to Advanced. That would have given the General holders most of what they had previously had (rather than losing a huge chunk of the bands, as actually happened), while providing a bit of incentive to upgrade.

Date: Sun, 30 Dec 2001 10:46:54 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: mark@buttery.org
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [116424] Re: [OT] History of Incentive Licensing
Message-ID: <3C2F36EE.9F54946F@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mark,

The Advanced Class License was not invented during incentive licensing. It is probably older than you are! It existed a long time ago, it was not much sought after because it conveyed no extra privileges!

>

> You forgot, however, to mention the Advanced license, which was
> introduced as part of the incentive licensing scheme.

>

The requirement for two years of practical experience beefier you were eligible to take the extra class was there because it was felt that before you were given full amateur privileges you should have some actual experience. QRP was not such a big thing back then, people ran higher power than we do today, 400 or 500 watts was common. You could die from that if you didn't know what you were doing! Transistors, at least power devices were in their infancy back then, 1000 VDC supplies were more common! Maybe the FCC was foolish in trying to protect us from ourselves!

73

Date: Sun, 30 Dec 2001 09:48:55 -0600
From: George Franklin <w0av@juno.com>
To: sjolin@swbell.net
Cc: qrp-l@Lehigh.EDU
Subject: [116425] Re: Fast Learner
Message-ID: <20011230.094856.-1830517.2.w0av@juno.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Dave and All,

Back in 1938 I was active on 160AM in St. Louis, MO.

One evening a young man came to my door, said he had heard me on his dad's Philco all-wave radio and wanted to find out how to get a ham license.

I told him to go down to Walter Ashe radio and purchase an ARRL license manual (25 cents) and a Signal Buzzer-Key unit (about \$2.00) and get busy studying and practicing CW.

About two weeks (!) later he returned and asked me to listen to his sending and to tell him whether I thought he was ready to take his exam (10WPM, in those days).

He sent quite well and could copy what I sent back to him, so I told him to go right ahead, as the FCC inspector was due in St. Louis the following week for his quarterly trip to give exams.

Well, to make a long story short, he passed the Class B test then and built and put on the air a 160M AM rig (about 30 watts, built from scratch per a magazine article). I worked him about a month later. He was an active ham for many years, but is now a silent key.

It is amazing what a dedicated person can do, isn't it.

72/73 de George/W0AV
SOC#101, COG#1
Hamming since '35

Date: Sun, 30 Dec 2001 11:14:37 -0500
From: W2AGN <w2agn@pobox.com>
To: John Wagner <john@wagner-usa.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [116426] Re: Stop bashing newcomers (and not so new hams)
Message-ID: <0112301114370C.02369@CC2289974-A>
Content-Type: text/plain;
charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

On Sunday 30 December 2001 10:31, John Wagner wrote:

>
> Do be careful though, your hatred is showing, and it doesn't look good.
>

--

You know, this "hatred" button is really interesting. I don't know if John was one, but I had a couple of emails telling me I "obviously hated everyone." Of course, then there was the one that said "You are full of hate, I hope you die soon." Now that guy had a hate issue!

The point is, I don't hate anyone. Most of the people I respond to in an acerbic manner (which some call, "flaming") are amusing, others are pathetic, but I certainly don't "hate" anyone. Even the guy who posted the poem encouraging terrorism a few days ago is more to be pitied. (And quickly gotten into an Institution!).

So let's drop this "hate" crap. If you can't have a heated discussion without assuming the other party "hates" you, you have a serious problem. I think these are the people that bring a gun to work to "get" those co-workers who "hate" them.

John L Sielke W2AGN
w2agn@pobox.com
<http://www.qsl.net/w2agn>
Trustee: W3IYQ

Date: Sun, 30 Dec 2001 11:17:00 -0500
From: "Mark J. Dulcey" <mark@buttery.org>
To: Bruce Muscolino <w6toy@erols.com>, qrp-l@lehigh.edu
Subject: [116427] Re: [OT] History of Incentive Licensing
Message-ID: <3C2F3DFC.3000907@buttery.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Bruce Muscolino wrote:

> Mark,
>
> The Advanced Class License was not invented during incentive licensing.
> It is probably older than you are! It existed a long time ago, it was
> not much sought after because it conveyed no extra privileges!

>

>>You forgot, however, to mention the Advanced license, which was
>>introduced as part of the incentive licensing scheme.

Yes, I know that there had been a previous Advanced license, though I seem to remember that there was not one at the time just before incentive licensing started. But an Advanced license that did convey privileges above General was new to the incentive licensing scheme, so I believe that the point of my argument (that giving the existing hams Advanced rather than General privileges might have avoided the bad consequences of incentive licensing) stands up in any case.

As for "older than I am", I'm not sure; I don't know the complete history. I was born in 1956. I got my first license (Novice) in June 1970, and upgraded to Advanced (skipping over General) in January 1971. The 20 wpm code requirement scared me off for a long time (until I got involved in traffic handling, and found that my code speed had increased to over 25wpm without my realizing it), but I finally upgraded to Extra in 1983.

Date: Sun, 30 Dec 2001 10:20:38 -0600
From: Dave Sjolín <sjolin@swbell.net>
To: George Franklin <w0av@juno.com>
Cc: qrp-l@Lehigh.EDU
Subject: [116428] Re: Fast Learner
Message-ID: <3C2F3ED6.4EDFCA8F@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

George Franklin wrote:

> About two weeks (!) later he returned and asked me to listen to his
> sending and to tell him whether I thought he was ready to take his exam
> (10WPM, in those days).
>
> He sent quite well and could copy what I sent back to him, so I told him
> to go right ahead, as the FCC inspector was due in St. Louis the
> following week for his quarterly trip to give exams.
>

> Well, to make a long story short, he passed the Class B test then and
> built and put on the air a 160M AM rig (about 30 watts, built from
> scratch per a magazine article). I worked him about a month later. He
> was an active ham for many years, but is now a silent key.
>
> It is amazing what a dedicated person can do, isn't it.

George, I agree. If the motivation is there, it is amazing what they can do.

If someone has the motivation the biggest stumbling block is how they are taught the code. If they did it visually rather than by sound they will have trouble. I learned dots and dashes and still have problems with certain characters (S, H, 5, V, 4). I guess thats why 35-40 wpm Croation stations drive me up the wall ... S54xx.

But if you learn the code by sound, you should be able to copy faster than 5 wpm from the start...maybe even 10 wpm. With practice speed gets even better. 13 wpm becomes a barrier only if you have to count the dots and dashes and then convert the characters into English.

73 de Dave, N0IT

Date: Sun, 30 Dec 2001 16:27:55 +0000
From: Larry Cahoon <lejek@erols.com>
To: qrp-l@lehigh.edu
Subject: [116429] DXCC QRP
Message-ID: <5.1.0.14.0.20011230162617.023ed428@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

For those who need it here is the link to all thing DXCC at the ARRL.

<http://www.arrl.org/awards/dxcc/>

They begin accepting the DXCC QRP applications on January 2. So if you have it in the mail tomorrow you should be one of the first with the new certificate.

73 de Larry.....WD3P in MD
<http://www.qsl.net/wd3p/>

Date: Sun, 30 Dec 2001 11:38:58 -0500

From: Bruce Muscolino <w6toy@erols.com>
To: "Mark J. Dulcey" <mark@buttery.org>
Cc: qrp-1@lehigh.edu
Subject: [116430] Re: [OT] History of Incentive Licensing
Message-ID: <3C2F4322.3724D1EC@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Advanced class privileges might have worked out better than the way it really did. For me , it would have still resulted in my getting an extra because I was predominately a CW operator and wanted the lost 25 kHz!

73

Date: Sun, 30 Dec 2001 12:00:23 -0500
From: "Dennis Brickey" <n4dd@preferred.com>
To: <qrp-1@lehigh.edu>
Subject: [116431] Heathkit SA-2550 help
Message-ID: <001701c19153\$79905620\$65f3e4ce@computer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Could one of you fine folks forward some information about the Heathkit SA-2550 remote antenna tuner. Photos and operational theory would be huge!! I have an opportunity to purchase one of these units, but I'm curious about the possible applications. Thanks for the help!!

Best Regards,

Dennis Brickey / N4DD

Date: Sun, 30 Dec 2001 09:14:30 -0800
From: "- hamhobby.com -" <k7fd@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [116432] New Year's Bash (ing)...

Message-ID: <F2375winMTUJVS377zh0000e48e@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

Didn't a guy by the name of Dick Bash start the memorization kick into full gear? Anybody ever use his stuff? I studied from a combination of the ARRL License Manual and a 1964 ARRL Handbook fake...a perfect copy printed in Japan. A sea captain gave it to me as a gift after one of his jaunts to the orient...

A must admit the technical side of ham radio did nothing to lure me into the hobby; my early days as a SWL led to dreams of faraway places and exotic lands. Learning (and memorizing) electronics was just a means to an end - it was the sport and romance of it all that appealed to me, not a Colpitts circuit.

But when I got into qrp things changed a bit. Now part of the sport involved 'rolling my own'...and with the advent of kits it made it easy for me to climb the learning curve. Between the 'hands on' side of QRP and what I gleaned from internet groups like this, I boosted my own technical confidence by leaps and bounds. I don't have my Genius Certification yet, but I'm working on it ;)

To those that seem to know it all, great! For those of us that struggle along, so be it. There is no wrong way to have fun in Amateur Radio!

Happy New Year!

73, John K7FD

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>.

Date: 30 Dec 2001 07:26:33 -0500

From: Caitlyn Martin <ku4qd@qsl.net>

To: qrp-l@lehigh.edu

Subject: [116433] Items for sale, wanted, and manuals/schematics wanted

Message-ID: <1009715197.8276.18.camel@localhost.localdomain>

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Mime-Version: 1.0

Hi, everyone,

I'm looking to make a few changes in the shack. I'm also looking for a few manuals and schematics. Here's what I have and want:

For Sale:

Heathkit HM-9 QRP wattmeter. Matches the HW-9 in appearance. 5 and 50 watt scales. The case is pretty scratched up but the front panel is nice. I'm replacing this with an OHR WM-2. \$25 plus shipping (about \$5 in the US, more elsewhere).

Manuals/Schematics Wanted:

I'll gladly take electronic copies (PDF, TIFF, etc...) or pay for postage and copying. I realize some of these only exist in Japanese, which is fine.

Belcom Kappa-15
Mizuho KX-3 Sky Coupler
Mizuho MK-610
Mizuho MX-10Z
National RJX-601

Rig Wanted:

I've been reading online about the Shimizu Denshi SS-105S and it does sound interesting. Does anyone have one they are willing to part with? If so, please e-mail me with price and condition.

Thanks and 73,
Caity
KU4QD

Date: Sun, 30 Dec 2001 09:46:15 -0800 (PST)
From: Tom Popovic <ki3r@yahoo.com>
To: wo7t@juno.com,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [116434] Re: Aluminum Rig Toting Case (Cheap\$\$)
Message-ID: <20011230174615.95639.qmail@web11203.mail.yahoo.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Hi Mark ...Used one for a couple of years now. It can't compare the the quality of "commercial" cases but rather it than the equipment receive the dings. An excellent deal for \$20. 73 and God Bless. Tom KI3R nr Pittsburgh Happy 2002

--- Mark E Gustoff <wo7t@juno.com> wrote:

> Fellow QRPer's

>

> The XYL arranged for one of these under the X-mas

> tree, and while I admit

> it was intended to organize and hold some tools in

> this case, it is quite

> suitable

> for customizing as a rig transport.

>

> Size is 460x325x150mm Aluminum skinned

> Includes HD foam molding you may cut to size

> Accessory dividers for sectioning off a little

> section for cable,

> connectors, key, etc. etc.

> Very nice looking, and apparent quality (time will

> tell, right??)

> Brand Name was Task Force w/ lifetime warranty.

> Price: \$19.95

> Available here at Lowes Home Improvement stores in

> toolbox section of

> store.

>

> Best wishes to the QRP efforts of all in 2002.

>

> 72,

> Mark

> W07T/qrp

>

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=====

The common good was the claim and justification of every tyranny ever established over men. Every major horror of history was committed in the name of altruistic motive...

Actors change, but the course of the tragedy remains the same. Ayn Rand 1943

Do You Yahoo!?
Send your FREE holiday greetings online!
<http://greetings.yahoo.com>

Date: Sun, 30 Dec 2001 12:58:28 -0500
From: "Bruce Shaw" <kg4dzu@ivwnet.com>
To: <john@wagner-usa.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [116435] Re: Stop bashing newcomers (and not so new hams)
Message-ID: <008f01c1915b\$ca229500\$5407153f@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

So.....is anyone having any fun with amateur radio?

73
Bruce
kg4dzu

Date: Sun, 30 Dec 2001 12:07:10 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [116436] RE: [OT] History of Incentive Licensing
Message-ID: <01C1912A.82BA83C0.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: Bill Coleman [SMTP:aa4lr@arrl.net]

>Then came incentive licensing.

>The ARRL was unhappy that more hams weren't upgrading to Extra.

Baloney. The ARRL was responding to its membership, to the same whine you hear today. "Ham radio is being dumbed down. Newcomers don't know anything." You think Bruce invented that line? The same BS was out there in 1962; same stuff that you hear forty years later. The phrase, "We are all becoming 'plug-in appliance operators' was coined." The ARRL made the mistake of taking these doofusses seriously. Never give a whiner what he wants, it will only increase the whining--QRP DXCC illustrates this.

So nowadays, we get whiners about dumbing down (the tests aren't hard enough) and whiners about incentive licensing (the tests are too hard). And they're the same people! Paging Winston Smith! Call for you, Mr. Smith!

>Incensive licensing had a two-fold effect, none of which was anticipated
>by the ARRL proposal:

>* School clubs failed. Rather than have access to all frequencies by
>getting a General, students perceived the Extra as been too great an
>obstacle. Those who would otherwise be interested in amatuer radio fell
>away. Without membership, these clubs collapsed. Amatuer radio stopped
>growing.

PBS! I have never, EVER heard a prospective ham say, "I'm not going to get my novice (or tech, or general, or advanced) license because I know that eventually the extra would be too hard for me." This is total fantasy.

And WHAT school clubs? Are we talking about universities? Engineering students couldn't handle the extra? And even at the high school level, I guarantee you the bright kids that joined ham clubs COULD handle it.

>* Ham Radio manufacturers failed.

Caused by incentive licensing, not doubt? Right, Bill. And I guess the rise of Japanese manufacturing--lower prices and higher quality had nothing to do with it? No, it was all due to the ARRL conspiracy. Hey--maybe the ARRL caused the same thing to happen US auto, camera and stereo manufacturers. It all fits, doesn't it Scully?

>In short, Incentive Licensing poisoned the growth of amatuer radio.

Yep. And OJ was innocent, man never walked on the moon, and the US government is a front for a coalition of space aliens and Satanists.

72--Nick, WA5BDU

Date: Sun, 30 Dec 2001 13:10:29 EST
From: W0rw@aol.com
To: qrp-l@lehigh.edu
Subject: [116437] Need Small Keyer
Message-ID: <34.204cbc31.2960b295@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

i need a small keyer, Like a TICK or Curtis chip CMOS, MK-60 etc....
Must have self completing dashes and run on 9V or 12V DC.
Paul w0rw@aol.com

Date: Sun, 30 Dec 2001 13:15:30 -0500
From: W2AGN <w2agn@pobox.com>
To: kg4dzu@ivwnet.com, qrp-l@lehigh.edu
Subject: [116438] Fun (was:Stop bashing newcomers (and not so new hams))
Message-ID: <0112301315300H.02369@CC2289974-A>
Content-Type: text/plain;
charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

On Sunday 30 December 2001 12:58, you wrote:
> So.....is anyone having any fun with amateur radio?
>
> 73
> Bruce
> kg4dzu

--

Yep. Got in in the middel of the night last night (3 AM), just to play in the 160M Stew Perry Contest for a little. Made about 25 QRP contacts in about 45 minutes. Only DX was an FM5, but the band sounded nice and quiet, QRN-wise. Sure would like to make 1000 m/w on 160, but I am afraid my antenna doesn't seem up to it.

John L Sielke W2AGN
w2agn@pobox.com
<http://www.qsl.net/w2agn>
Trustee: W3IYQ

Date: Sun, 30 Dec 2001 12:22:40 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'kg4dzu@ivwnet.com'" <kg4dzu@ivwnet.com>,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [116439] RE: Stop bashing newcomers (and not so new hams)
Message-ID: <01C1912C.AD7B1DC0.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Me--in between bouts of jousting with curmudgeons on this list, I've had a nice 40 meter CW QSO with my boatanchor rig (preparing for SKN), and just successfully tested the first phase of the PLL/VCO project put out by the flying pigs. (Zero to 30 MHz PLL signal generator/VFO)

Life, and ham radio, are good!

72--Nick, WA5BDU

... and don't even get me started on all the good ham stuff Santa Claus brought. I was a VERY good boy this year.

-----Original Message-----

From: Bruce Shaw [SMTP:kg4dzu@ivwnet.com]

So.....is anyone having any fun with amateur radio?

73

Bruce
kg4dzu

Date: Sun, 30 Dec 2001 13:28:37 -0800
From: "Dave Benson" <nn1g@earthlink.net>
To: <n2cqr@clix.pt>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [116440] Re: DC RXs -- AF filtering, shielding
Message-ID: <003b01c19178\$f2776ae0\$f7ebd73f@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bill-

At least with a DC *transceiver* design, there's a solid reason for providing shielding around the LO section. During key-down, there's likely to be stray RF current flowing inside the transmitter. If this current is flowing through the LO section it can be viewed as shifting the effective impedances of the LO's frequency-determining components. In other words, the LO will 'pull' on key-down.

Here's a test for this effect in a DC transceiver:

- 1) Using a dummy load, note the pitch of your transmitter's output as monitored on a separate receiver.
- 2) Switch to an antenna and tuner and vary the tuner settings. If the signal pitch varies appreciably, you're seeing this stray current at work. [This presumes you've already taken the necessary 'good-practice' steps- buffering and voltage regulation.]

There were any number of DC VFO transceiver designs published in the 70s and 80s, and if you looked at the design closely, there was no deliberate means of providing the customary T-R offset of 700-800 Hz. This offset was effectively provided by stray current effects, and not too surprisingly, these designs were often prone to pulling or chirp due to layout considerations and wave-shaping timing. As for reproducibility of results- let's just call it an 'experimenter's paradise'.

FWIW- The late Doug deMaw had published a number of these designs during the abovementioned era, and he was a firm proponent of VFO shielding. I don't think he ever explained the underlying mechanism but I could be wrong. He did note that a LO/frequency doubler scheme eliminated much of the difficulty, but without going into detail. Along the same lines, this problem is markedly reduced by the use of a heterodyne (pre-mixed) LO and for the same reasons.

73- Dave Benson, K1SWL

-----Original Message-----

From: Bill Meara <n2cqr@clix.pt>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Date: Saturday, December 29, 2001 23:56 PM

Subject: DC RXs -- AF filtering, shielding

<snip>

I know the idea is to keep LO energy from getting into the RX front end, but even with really extensive shielding, is it possible to keep an LO that is operating just inches away from the front end from getting energy into the front end?

<<

Date: Sun, 30 Dec 2001 13:42:44 -0500
From: "Stephen M. King" <frastephen@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [116441] Re: ARRL QRP DXCC Award
Message-ID: <007001c19161\$c5d1c9c0\$eb600c18@burl1.nj.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm looking forward to this award, too. I'm starting my QRP country count all over again on Jan. 1, 2002 -- a good incentive to get on the air and operate for me!

Also, I am so glad that you do NOT need QSL cards for this... the expense never seemed worth it to me ... I know who I worked and that is enough ... this new award recognizes the honor and integrity of 99.99999999999999% of all hams!

Peace and 73 and HNY!

Stephen
W3SMK

Date: Sun, 30 Dec 2001 13:48:20 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: <w2agn@pobox.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [116442] Re: A clarification
Message-ID: <20011230184933.QTTI9414.imf02bis.bellsouth.net@[192.168.0.21]>

Mime-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

On 12/30/01 9:28 AM, W2AGN at w2agn@pobox.com wrote:

>4. Perhaps a better example would be, imagine yourself lying on a gurney,
>going to surgery for a quadruple bypass. You doctor has told you your
>surgeon
>has attained the highest rating in the board certification for
>cardiologists.
>As you drift off with the anesthetic you hear him say. "Nurse, get my Elmer
>on the phone. I just memorized the questions on this procedure, and don't
>really know how to do it."

I think there's a serious difference here.

First, the practice of medicine isn't as cut and dried as you seem to make it. Medicine is really more art than science, although it is a very difficult art to master, and the consequences of failure are truly dire.

Second, amateur radio licensing has in the past been compared to FAA pilot licenses. There's an important distinction. Whereas pilots may pose a serious risk to life and property of themselves and others, amateur radio operators likely do not.

For this reason, all pilots are required to pass both a written knowledge test, a practical test including an oral examination, as well as a demonstrating of flying skills. IN ADDITION, they are required to undergo recurrent training, in order to ensure their skills and knowledge are maintained.

Amateur radio just isn't as important on that scale.

>5. What started this was an Extra Class Ham, demonstrating NO knowledge of
>basic theory, which one would expect even a Novice or Technician to have.

While perhaps sad, instead of berating the individual for lacking basic knowledge, we should take the opportunity to open an avenue of learning.

So long as someone is reaching out to learn, we shouldn't slap the hand back.

>That "ham" whines that she/he needs "elmering." The Elmering
>should have taken place BEFORE the Extra Exam!

I disagree. Amateur radio is a large, multi-faceted hobby. One can be technically adept, but inexperienced in certain aspects. I've held an Extra class license for 21 years (yes, the old FCC examiner type), yet

I'm still learning. I appreciate the time other hams take to educate me about some topic. Just this summer, I learned a heck of a lot about baluns. Much of that I owe to W8JI, who helped to identify and correct my misconceptions.

So, elmering can happen any time in your ham "carreer". There's no end. That's part of what makes it a great hobby.

>Bruce responded in his
>sensitive, inimitable style, but his point was, if you claim to have an
>"Extra" class, you will be expected to have the knowledge concomitant with
>that class. This isn't "elitism." You expect the privileges (extra bands, 2
>letter calls, etc), so you better demonstrate that you earned them!

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Sun, 30 Dec 2001 13:53:32 EST
From: NB6M@aol.com
To: QRP-L@lehigh.edu
Subject: [116443] SMK-1 Extended TX VXO Frequency Range Mod
Message-ID: <b9.193d9af2.2960bcac@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi All,

I just completed and wrote up a "Mod" for the SMK-1 that extends the Transmitter's frequency range to equal and nearly match that of the Receiver. I also included voltage regulation for both the TX oscillator and the TX tuning pot, in order to help clean up the transmitted note.

The article on the mod has been sent to Jerry Parker for possible inclusion on the Nor Cal web page.

The oscillator configuration used in this mod would provide similar results in any Tuna Tin II or other VXO controlled transmitter.

If anyone would like an advance copy of the schematic and article on the mod, give me an email and I will forward it.

72/73 and Happy New Year to all.

Wayne NB6M

Date: Sun, 30 Dec 2001 14:18:12 -0500
From: "Brian" <brian@iquest.net>
To: <wi8w@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [116444] Re: ARRL QRP DXCC Award
Message-ID: <006a01c19166\$ba11b960\$2a492bd1@bmurrey2K>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

OK Thom...I didn't realize it was that involved. Too much work for me.
<grin>

I'll just try to work 'em and rest easy knowing I did it. I can
always print my own wallpaper! <hahahah> I'm about 88 away from QRP
DXCC so I have a hill to climb. I do have WAS on 40m QRP though, one
day I'll dig out the cards and send them in. I just need to be
motivated, that's all.

I, for one, am glad that QRP ARCI sponsors awards. I guess I ought to
apply for the 1K mile per Watt award sometime. I think I have three in
the last year confirmed.

73 es TNX

=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====

----- Original Message -----

From: "Thom Durfee WI8W" <wi8w@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, December 29, 2001 11:10 PM
Subject: Re: ARRL QRP DXCC Award

> Brian and the List,
>
> According to the rules for the DXCC, WAS and WAC
> awards and those of the General Certification
> Rule, you must have the confirmations in hand
> before applying for the awards of QRP/ARCI. The
> only exception is the QRP-25 Award which only
> requires that you work 25 or more club members.
> Confirmations are not required for the QRP-25
> Award. The confirmation requirement is one of the
> things that separates the new ARRL QRP DXCC from
> our DXCC Award. Our award requires the confirm and
> it is endorsable while the ARRL QRP DXCC does not
> and is not endorsable.
>
> The GCR list is something that simply states that
> 2 licensed amateurs of at least General Class or
> higher have in fact seen your QSL cards and
> certify, with their signatures, that you do
> qualify for the award applied for. A GCR is not to
> be used for certifying that you only have the
> station recorded in a logbook.
>
> It is also important to send along with your
> application, a list of stations confirmed in
> callsign order. I do review these lists and I do
> recognize many of the DX callsigns listed on most
> applications. Many applicants send me copies of
> the QSL cards. This works best. Remember to
> include copies of both sides if it is a 2 sided
> QSL. Besides it is fun to see who worked and
> confirmed what station.
>
> I strongly DO NOT recommend that you send me the
> original QSL card. I cannot and will not be
> responsible for originals sent in with an
> application. I lost about 150 QSL's many years
> ago that were sent in for endorsement on my ARRL
> DXCC certificate. They were never received by the
> ARRL and have not been found to this date. The
> cards were not replaceable. That is 150 countries
> I had to work all over again and get QSL's from.
>
> So that is the story.
>
> 73

>
> Thom WI8W
> Awards manager QRPARCI
>
>
>
>

Date: Sun, 30 Dec 2001 11:17:15 -0800
From: Jim Lowman <jmllowman@directvineternet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [116445] Re: Lehigh Univ. (was: Remove from List)
Message-ID: <3C2F683B.B619151B@directvineternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It worked on me, but the final step didn't happen until nearly 30 years after that. I upgraded to Advanced right away, but my real goal was to regain those "lower 25" of the bands, as I have always been primarily a CW op.

For those who weren't there, the tragedy of the process was that those of us who already held the General ticket were disenfranchised from frequencies that we had qualified to use and were, in fact, using.

For their part in this sham, I let my ARRL membership lapse, and didn't re-join until more than 25 years later. I'd be curious to know if there was a significant sag in ARRL membership after Incentive Licensing took effect.

72 de Jim - AD6CW

Nick Kennedy wrote:

>
> -----Original Message-----
> From: Bill Coleman [SMTP:aa4lr@arrl.net]
> >The intent was to "incent" hams to upgrade to
> >Extra. It didn't work.
>
> It worked on me.
>
> 72--Nick, WA5BDU

Date: Sun, 30 Dec 2001 13:30:04 -0600
From: "Rob Matherly" <kc0bom@arrl.net>
To: <w2agn@pobox.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [116446] Re: Stop bashing newcomers (and not so new hams)
Message-ID: <005301c19168\$6599f760\$8011a541@intern01>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

<---
You know, this "hatred" button is really interesting. I don't know if John was one, but I had a couple of emails telling me I "obviously hated everyone." Of course, then there was the one that said "You are full of hate, I hope you die soon." Now that guy had a hate issue!
--->

Dang, I thought I got some nasty messages from the "high council of people who know better than I"! :^D

72/73/oo
Rob, kc0bom
ARRL; FP Qrp -330; Live-Wire #442; IA QRP #143; SOC #497; QRPP-I #19

Visit my website! <http://www.qsl.net/kc0bom>
AIM - kc0bom, jimrob4 MSN - jimrob@jetnetinc.net

Date: Sun, 30 Dec 2001 13:34:00 -0600
From: "Rob Matherly" <kc0bom@arrl.net>
To: <nkennedy@tcainternet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [116447] Re: [OT] History of Incentive Licensing
Message-ID: <006c01c19168\$f0c5b680\$8011a541@intern01>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

<---

Yep. And OJ was innocent, man never walked on the moon, and the US government is a front for a coalition of space aliens and Satanists.

--->

Now that bit of sarcasm is worthy of an award! :^D :^D

72/73/oo

Rob, kc0bom

ARRL; FP Qrp -330; Live-Wire #442; IA QRP #143; SOC #497; QRPP-I #19

Visit my website! <http://www.qsl.net/kc0bom>

AIM - kc0bom, jimrob4 MSN - jimrob@jetnetinc.net

Date: 30 Dec 2001 09:34:45 -0500

From: Caitlyn Martin <ku4qd@qsl.net>

To: qrp-l@lehigh.edu

Subject: [116448] American rigs, growing the hobby, licensing

Message-ID: <1009722886.8888.9.camel@localhost.localdomain>

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Mime-Version: 1.0

Hi, Nick, and everyone else.

> >* Ham Radio manufacturers failed.

>

> the

> rise of Japanese manufacturing--lower prices and higher quality had

> nothing to do with it? No, it was all due to the ARRL conspiracy.

> Hey--maybe the ARRL caused the same thing to happen US auto, camera

> and stereo manufacturers.

The interesting thing is that at the same time most American manufacturers were starting to struggle along came Ten Tec. The company was founded in 1968, I believe, and has survived and is doing well nowadays. Granted, their main business is government/commercial equipment and enclosures, but their ham line is stronger than ever. MFJ also came along not much later and has what appears to be a thriving business.

We seem to have seen a resurgence in American ham radio manufacturing in recent years. SGC, a long time marine and commercial manufacturer, entered the ham market and stayed. Numerous small companies have cropped up (Patcomm for rigs, M2 for antennas, Elecraft for kit rigs, etc...) and seem to be surviving.

If you make a quality product at a good price people will buy it. Why is Kachina out of the ham market for the second time? They made a good product, but their price was seriously undercut by Ten Tec. Granted, the Kachina rig may have been better than the Ten Tec Pegasus, but it wasn't better enough to justify the price to enough people.

I think the health of ham radio manufacturing is tied to the overall health of the economy and the number of active hams interested in the equipment. If you want American ham rigs grow the hobby. The ARRL has long failed to market the hobby effectively, though they are clearly trying to reach out to young people in schools today, and I commend them for the effort.

People have to be interested in the hobby first to become motivated enough to get any license. The relative difficulty or ease of acquiring the license has, IMHO, very little to do with it. Even if the tests today are easier and the bar has been lowered, it still takes some effort. There has to be motivation there for someone to make the effort and take the time.

I think the so-called Novice Enhancement of the mid '80s and the reduction of the code requirement should have taught us all (most especially the ARRL) something: changing the licensing requirements does **not** grow the hobby. The focus has to shift to letting the rest of the world know why we enjoy the hobby so much.

Enough for today. I've got an antenna project on tap for the rest of the afternoon.

72,
Caity
KU4QD

Date: Sun, 30 Dec 2001 11:45:26 -0800 (PST)

From: Bill ROWLETT <kc4atu@yahoo.com>
To: w2agn@pobox.com,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [116449] Re: Fun (was:Stop bashing newcomers (and not so new hams)
Message-ID: <20011230194526.13486.qmail@web14205.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Good show on 160 John, I find that an open 6 meter band is fun. A couple XE1's and a TI2 with 8 watts to an indoor "half square" are always fun QSO's from here in Virginia.

73 Bill KC4ATU

Do You Yahoo!?
Send your FREE holiday greetings online!
<http://greetings.yahoo.com>

Date: Sun, 30 Dec 2001 14:55:52 -0500
From: "Michael C. Boatright" <ko4wx@mindspring.com>
To: qrp-1@lehigh.edu
Subject: [116450] Re: Annual DX Competition
Message-ID: <5.0.2.1.2.20011230145217.02270d90@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

NOGA QRP Club did this this year (2001) and it was a blast! 5 (so far) members got WAS QRP, 4 submitted list of stations worked/state and got a really neat Certificate. Several others got ARCI WAS QRP 20 or better. One member confirmed 32 states on 80M PSK31 using a Warbler...

Now, the REALLY cool award would be WAMP--Worked All Multi-Pigs...

8-)

72 de Mike, K04WX
Michael C. Boatright

Date: Sun, 30 Dec 2001 13:58:37 -0600
From: Mike <mmorrow@companet.net>
To: aa4lr@arrl.net

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [116451] OT: RIP - US Incentive Licensing
Message-ID: <3C2F71ED.4387@companet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bill Coleman wrote:

> Incentive Licensing was a proposal forwarded initiated by the ARRL
> in the mid-60s that the FCC adopted, oh, around 1968 ... The intent
> was to "incent" hams to upgrade to Extra. It didn't work.

The first phase started on 11-22-1968. I was licensed before incentive licensing (I.L.). Most of the anti-I.L. noise was emotional, ill-reasoned, hysterical, rabble-rousing by W2NSD to promote subscriptions to his little non-technical rag called "73." (In other words, it was the typical Wayne Green approach to any topic.)

I think I.L. worked reasonably well. It certainly prompted me to get the Advanced ticket much sooner than I otherwise would (I upgraded at the end of high school to better use W4AQL/Ga. Tech that Fall). In the late 1970s, I thought the new WARC band privileges would be incentive-based so I decided to get Extra ahead of time (I guessed wrong about the WARC bands).

The I.L. program *should* have had a grandfather clause so that hams would get to keep all their privileges who had held tickets for, say, ten years before 11-22-1968. However, it is just plain silly for hams who weren't even licensed at the time the final phase of IL was implemented in 1969 to complain about I.L.

The dubious Conditional licenses of the many past decades, the questionable VEC programs of the last 20 years, and the deconstructing of the license process in 2000 have resulted in U.S. ham licenses being superfluous as indicators of proficiency. Learning 5 wpm code is a far greater task for most people than is passing the Extra written exam. Why not just have a "code" and a "no-code" license as the only two classes? When code is dropped in the future, there would be only one class. That would represent the ultimate reversal of incentive licensing.

Mike / KK5F

Date: Sun, 30 Dec 2001 14:09:28 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>

To: England QRP Group <qgrp-l@blacksheep.org>,
QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Subject: [116452] feelings
Message-ID: <Pine.LNX.4.33.0112301354310.31554-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I don't know about you but it wasn't until I began to "age" that I started some valuable activities that I should have begun years earlier...

...I should have jumped into QRP years earlier...

...I should have "listened" to what my body was telling me a long time ago...

...I should have spent time really listening to many people I know as they were telling me how things were going in their lives...

...I should have prioritized a lot "more better" a lot earlier...

...isn't it interesting how "life" hits you on the head which causes you to look at things from a different angle...

...it seems when you are "hit", one of the very important things is that you "get up" with a new perspective and carry on...

...what is it in life that causes us, especially in our youth and later, to be so emotional which in turn causes us to miss out or delay the important learnings of life?...

...some people, who I absolutely hated (emotional) at first are now among my best friends because I developed the patience to really listen to them along with the maturity to not be "emotional" back which did nothing more than to "feed the fires" of conflict....

...pride; what a two-edged sword it is eh?!...etc,etc,etc,etc....

...what has this to do with QRP?....I'll be glad to tell you...since I joined QRP-L, QRP-Canada, G-QRP. etc and started meeting "qrpfolk" and reading a lot of the e-mails,(and this includes the bashing, the insults, the arguments) it ALL has helped me to be a better person and I thank you all for that, sincerely....HAPPY NEW YEAR!!...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Sun, 30 Dec 2001 20:09:24 +0000
From: Dragon Singer <WM-Scace@wiu.edu>
To: "low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [116453] Fwd: [EUG-LUG:757] Re: [LANE-GREENS:547] FCC Bars LINUX from
Universal Licensing System (fwd)

Message-ID: <5.1.0.14.0.20011230200913.02f29a90@pop3.wiu.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>From: Mr O <notanatheist@yahoo.com>
>Reply-To: notanatheist@yahoo.com
>To: eug-lug@efn.org
>Subject: [EUG-LUG:757] Re: [LANE-GREENS:547] FCC Bars LINUX from Universal
>Licensing System (fwd)
>Date: Sun, 30 Dec 2001 11:47:55 -0800
>X-Mailer: KMail [version 1.2]
>Sender: owner-eug-lug@efn.org
>
>So my question is this. Why didn't my attempt to access the site with
>Konqueror fail? I'm presently running the Java 2 Runtime Environment on my
>system and am wondering if that kept things from crashing. The applet loaded
>fine.
>This excerpt from the website:
>To use ULS, your browser must be configured to Enable Java, Enable Java
>Script, and to accept all cookies. In addition, to use Microsoft Internet
>Explorer with ULS or ASR, you must download and install Sun's IE Java Plug-In
>the first time you use the system.
>
>Hope that helps you in getting it to work for you.
>
>Later,
>
>Mr O
>
>
>On Sunday 30 December 2001 05:22 am, you wrote:
> > It's not all that often that something gets posted to lane-greens
> > so relevant to eug-lug, but here you are...
> > It's a plain-text attachment...
>
>
>-----
>Do You Yahoo!?
>Get your free @yahoo.com address at <http://mail.yahoo.com>

Respectfully and Sincerely Yours,

Wayne M. Scace

k9di@arrl.net
LICQ# 315313
FISTS# 4409

QRP-L# 2313
FPQRP-L# 217
SOC# 452
ARS # 1,082
Zombie # 800
<http://k9di.homestead.com/K9DIHam1.html>

Date: Sun, 30 Dec 2001 15:20:32 -0500
From: W2AGN <w2agn@pobox.com>
To: Bill ROWLETT <kc4atu@yahoo.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [116454] Re: Fun (was:Stop bashing newcomers (and not so new hams))
Message-ID: <0112301520320J.02369@CC2289974-A>
Content-Type: text/plain;
 charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

On Sunday 30 December 2001 14:45, Bill ROWLETT wrote:
> Good show on 160 John, I find that an open 6 meter
> band is fun. A couple XE1's and a TI2 with 8 watts to
> an indoor "half square" are always fun QSO's from here
> in Virginia.
>
> 73 Bill KC4ATU

--
Yep, 6 has been great. I got on with my FT-817 a couple weeks ago, and worked some Europeans, as well as Alaska. Also worked some from the mobile on 6. My neighbor is a strictly VHF guy, and is semi-invalid, so I try too stay off when he is on. (I can always tell cause he comes in on the Bose radio.)

John L Sielke W2AGN
 w2agn@pobox.com
<http://www.qsl.net/w2agn>
 Trustee: W3IYQ

Date: Sun, 30 Dec 2001 15:30:21 -0500
From: W2AGN <w2agn@pobox.com>
To: Dragon Singer <WM-Sce@wiu.edu>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [116455] Re: Fwd: [EUG-LUG:757] Re: [LANE-GREENS:547] FCC Bars LINUX from Universal Licensing System (fwd)
Message-ID: <0112301530210L.02369@CC2289974-A>
Content-Type: text/plain;
charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

On Sunday 30 December 2001 15:09, Dragon Singer wrote:

> >
> >So my question is this. Why didn't my attempt to access the site with
> >Konqueror fail? I'm presently running the Java 2 Runtime Environment on my
> >system and am wondering if that kept things from crashing. The applet
> > loaded fine.
> >This excerpt from the website:
> >To use ULS, your browser must be configured to Enable Java, Enable Java
> >Script, and to accept all cookies. In addition, to use Microsoft Internet
> >Explorer with ULS or ASR, you must download and install Sun's IE Java
> > Plug-In the first time you use the system.
> >

--

I use "Opera" browser with Linux, (it emulates either Netscape or IE5) and have no trouble at all accessing ULS

John L Sielke W2AGN
w2agn@pobox.com
<http://www.qsl.net/w2agn>
Trustee: W3IYQ

Date: Sun, 30 Dec 2001 15:34:48 -0500
From: "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
To: qrp-1@lehigh.edu
Subject: [116456] Transistor questions
Message-ID: <3C2F3418.14571.181DDA3@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I am busy stuffing the board on my K10 keyer. The schematic says that i should have two 2n222's for switching. Two transistors came with the kit...one is a 2n7000 which is a mosfet switching transistor and the other is labelled as follows:

S442
89 F
8248 (maybe 824B?)

Both are in T0-92 cases

Can the 2n7000 be used as a direct replacement for the 2n222?

Does anyone have a clue as to what the second transistor is?

Also, the circuit uses a 78L05 regulator with the schematic calling for 1 mf caps running from the both the input and the output of the output of the VR to gnd. This is clearly designed to shunt AC. These caps were missing from the kit (actually, I found two 891 pf caps that do not appear in the schematic). I am planning on running battery power exclusively so I do not think that it will be hurt if I leave the caps out. Alternative, I have some .1mf caps in the junk box and I could use those. Reactance to ground should be an order of magnitude greater meaning less AC will get shunted but this should not be a concern if I am using battery power.

Tnx

Henry

Date: Sun, 30 Dec 2001 12:39:16 -0800
From: "Tom Scott" <tomrscott@sterlink.net>
To: "'qrp-l Reflector'" <qrp-l@Lehigh.EDU>
Subject: [116457] re: RIP - US Incentive Licensing
Message-ID: <000701c19172\$0cfea9c0\$02010a0a@Heritage>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

I sent this reply to Mike KK5F, but maybe it's of interest to the group

Agree with much of what you say, especially WRT "73" magazine, but can't agree that there is no longer any difference in the requirements for the various classes.

The General test does require more knowledge than the Technician, and the current Extra requires a good deal more knowledge than the General. The new Extra test material coming into effect this coming year will undoubtedly be tougher still. This is as it should be.

I actually am one who suspects that the 5wpm test standard may be one of the worst things that ever happened to the adoption of CW. If I were king, I would allocate the Novice CW HF space to people who are trying to learn code and when they achieve something between 13 and 20 wpm they would earn access to more band privileges. I'm not holding my breath for this, expect that we'll see even 5 wpm dropped, but at least those who want to learn CW will work to achieve "useful" speed rather than getting caught up practicing for just 5wpm. The way to get people using code usefully is to get them on the air as soon as possible and perhaps restrict them to a practice space so they don't create too much QRM for more skilled folks. The history of the hobby has shown that lots of elmer types will always gladly step in and slow down to help a newbie get started.

I still think it is appropriate that some band space be preserved for more experienced hams; both out of respect to their achievements and to allow their operation to be more effective. But there is nothing sacred about CW skill these days, maybe we should base advancement on a variety of on-air achievements; contest achievements, time on the air, demonstrated proficiency in various modes, public service communications, as well as written tests.

As for me, I teach kids at the Junior and Senior High school level. They work toward their Tech w/ code, build an SW+40 and a P-Tick Keyer, learn basic electronics and radio theory, and get on the air with a radio they built. Code is certainly the toughest challenge for them, but I think that is partly a psychological result of an attitude that it is irrelevant today. I think I do pretty well to demonstrate that it is still useful, but I'm constantly trying to figure out how better to impart the fun of it.

73!

-- Tom Scott, Field Applications Engineering

///_/_/_/_/_/_/_/_/_/_/_/_/_/_

Arrow Electronics

9500 SW Nimbus #E

Beaverton, OR 97008

503-614-1223 - Office

503-614-0123 - Branch

503-645-0611 - Fax

503-330-6867 - Cell

503-538-5839 - Home

KD7DMH

///_/_/_/_/_/_/_/_/_/_/_/_/_/_

"The wireless telegraph is not difficult to understand.

The ordinary wired telegraph is like a very long cat.

You pull on the tail in New York, and it meows in Los Angeles.

The wireless is much the same, only without the cat."

- Albert Einstein

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Mike

Sent: Sunday, December 30, 2001 11:59 AM

To: Low Power Amateur Radio Discussion

Subject: OT: RIP - US Incentive Licensing

Bill Coleman wrote:

> Incentive Licensing was a proposal forwarded initiated by the ARRL
> in the mid-60s that the FCC adopted, oh, around 1968 ... The intent
> was to "incent" hams to upgrade to Extra. It didn't work.

The first phase started on 11-22-1968. I was licensed before incentive licensing (I.L.). Most of the anti-I.L. noise was emotional, ill-reasoned, hysterical, rabble-rousing by W2NSD to promote subscriptions to his little non-technical rag called "73." (In other words, it was the typical Wayne Green approach to any topic.)

I think I.L. worked reasonably well. It certainly prompted me to get the Advanced ticket much sooner than I otherwise would (I upgraded at the end of high school to better use W4AQL/Ga. Tech that Fall). In the late 1970s, I thought the new WARC band privileges would be incentive-based so I decided to get Extra ahead of time (I guessed wrong about the WARC bands).

The I.L. program **should** have had a grandfather clause so that hams would get to keep all their privileges who had held tickets for, say, ten years before 11-22-1968. However, it is just plain silly for hams who weren't even licensed at the time the final phase of IL was implemented in 1969 to complain about I.L.

The dubious Conditional licenses of the many past decades, the questionable VEC programs of the last 20 years, and the destructuring of the license process in 2000 have resulted in U.S. ham licenses being superfluous as indicators of proficiency. Learning 5 wpm code is a far greater task for most people than is passing the Extra written exam. Why not just have a "code" and a "no-code" license as the only two classes? When code is dropped in the future, there would be only one class. That would represent the ultimate reversal of incentive licensing.

Mike / KK5F

Date: Sun, 30 Dec 2001 14:45:00 -0600
From: Mike <mmorrow@companet.net>
To: k7fd@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [116458] Re: New Year's Bash (ing)... (OT)
Message-ID: <3C2F7CCC.78FA@companet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

- hamhobby.com - wrote:

> Didn't a guy by the name of Dick Bash start the memorization kick
> into full gear?

In the late 1970s and early 1980s good Ol' Dick Bash and associates would poll people coming out of ham exams to reconstruct as nearly as possible the exact questions being used. He then put this recovered-from-memory hodge-podge together with what he thought was the correct answer (sometimes it wasn't!) in books he sold to those who wanted to make the written test as (politely put) "effortless as possible." His technical "work" in explaining some questions was really ridiculous.

He was put out of business when the FCC abandoned its responsibilities to conduct exams to VECs of various pedigrees, in conjunction with the verbatim Q&As being public thereafter.

He later became a US Constitution's Second Amendment advocate in California, so he eventually found an honest and worthwhile cause to pursue.

Mike / KK5F

Date: Sun, 30 Dec 2001 12:54:34 -0800
From: Jerry Parker <jparker@fix.net>
To: qrp-1@LeHigh.edu
Subject: [116459] FS: K1MG COUNTER/CLOCK KIT
Message-ID: <2.2.32.20011230205434.01c0fae4@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have an original K1MG Counter/Clock Kit in original kit form for sale:

\$29.95 + \$4.00 s&h.

72,

Jerry...WA6OWR...k

Date: Sun, 30 Dec 2001 16:07:02 -0500
From: "w8diz" <w8diz@fpqrp.com>
To: <qrp-1@Lehigh.EDU>, <fpqrp-1@mpna.com>
Subject: [116460] Toroids and other parts
Message-ID: <003301c19175\$eddba300\$21dd1b41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

It's time to start building your favorite toys for
the show-and-tell at FDI-M-2002.

I'm offering 100 pieces of toroids for \$15.00
plus \$3.00 shipping. You can mix any style and
quantity to get a total 100 piece count.
Also check out my semiconductors.
You can pay via paypal or personal check.
<http://kitsandparts.com>

-Diz, W8DIZ (happy building)
w8diz@fpqrp.com

Date: Sun, 30 Dec 2001 15:06:08 -0600
From: John Seboldt K0JD <k0jd-1@seboldt.net>
To: qrp-1@Lehigh.EDU
Subject: [116461] Re: DC RXs -- AF filtering, shielding
Message-ID: <5.1.0.14.0.20011230145939.00a15d90@mail.seboldt.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 05:42 PM 12/10/01 -0200, you wrote:

>I have a question about the need for shielding around the local oscillators
>in DC receivers. I know this is recommended, but I've found that my DC
>receivers seem to work just fine with little or no shielding around this
>stage. And I just took a look inside my trusty HW-8 and I don't notice any
>shielding around the LO there.

>

>I know the idea is to keep LO energy from getting into the RX front end, but
>even with really extensive shielding, is it possible to keep an LO that is
>operating just inches away from the front end from getting energy into
>the front end?

The point of reducing LO leakage in DC receivers is to keep hum down when
you're operating near AC power. (And when are we NOT near AC power, except
way out in the boonies?) The LO leakage gets into the power lines, is
modulated by the 60 Hz, and is picked back up in the receiver.

I've had plenty of experience with this in the KK7B R2 class receivers -
another big source of radiation is your headphone or speaker lead, and I
needed to use shunt capacitors (.1 uF) and inductance (both leads wrapped
as a pair around a ferrite toroid) to keep the leakage down; otherwise I'd
get hum if my 'phone leads got too close to my fluorescent lamp on the desk.

72,

John K0JD

www.seboldt.net/k0jd/

Date: Sun, 30 Dec 2001 16:14:45 -0500

From: "Brian" <brian@iquest.net>

To: <w8diz@fpqrp.com>,

"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [116462] Re: Toroids and other parts

Message-ID: <018801c19177\$0244bec0\$2a492bd1@bmurrey2K>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

WOW!!

100 for \$15?? Sign me up!

73 es TNX Diz!

(Diz must be related to Santa)

=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====

----- Original Message -----

From: "w8diz" <w8diz@fpqrp.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, December 30, 2001 4:07 PM
Subject: Toroids and other parts

> Hi Gang,
>
> It's time to start building your favorite toys for
> the show-and-tell at FDI-2002.
>
> I'm offering 100 pieces of toroids for \$15.00
> plus \$3.00 shipping. You can mix any style and
> quantity to get a total 100 piece count.
> Also check out my semiconductors.
> You can pay via paypal or personal check.
> <http://kitsandparts.com>
>
> -Diz, W8DIZ (happy building)
> w8diz@fpqrp.com
>
>
>

Date: Sun, 30 Dec 2001 16:13:39 -0800
From: "w2wurjj" <w2wurjj@verizon.net>
To: <w2agn@pobox.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [116463] Re: Fwd: [EUG-LUG:757] Re: [LANE-GREENS:547] FCC Bars LINUX from
Universal Licensing System (fwd)
Message-ID: <000801c19190\$1bc50760\$71c2fea9@w2wurjj>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Do I smell a CONSPIRACY to restrict free choice of browsers so they can invade our privacy ... What's left of it? I remember the Social Security Act forbade use of your SSN as Identification & it was never shared with other agencies. 73, Ron

----- Original Message -----

From: W2AGN <w2agn@pobox.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Sunday, December 30, 2001 12:30

Subject: Re: Fwd: [EUG-LUG:757] Re: [LANE-GREENS:547] FCC Bars LINUX from Universal Licensing System (fwd)

> On Sunday 30 December 2001 15:09, Dragon Singer wrote:

>

> > >

> > > So my question is this. Why didn't my attempt to access the site with
> > > Konqueror fail? I'm presently running the Java 2 Runtime Environment on
my

> > > system and am wondering if that kept things from crashing. The applet

> > > loaded fine.

> > > This excerpt from the website:

> > > To use ULS, your browser must be configured to Enable Java, Enable Java

> > > Script, and to accept all cookies. In addition, to use Microsoft
Internet

> > > Explorer with ULS or ASR, you must download and install Sun's IE Java

> > > Plug-In the first time you use the system.

> > >

>

> --

>

> I use "Opera" browser with Linux, (it emulates either Netscape or IE5) and

> have no trouble at all accessing ULS

> -----

> John L Sielke W2AGN

> w2agn@pobox.com

> <http://www.qsl.net/w2agn>

> Trustee: W3IYQ

>

Date: Sun, 30 Dec 2001 16:38:59 -0500

From: Steven Weber <kd1jv@moose.ncia.net>

To: wa3ptg@home.com
Cc: qrp-1@lehigh.edu
Subject: [116464] Re: HB: keyers - QRP type drive1
Message-ID: <3.0.6.32.20011230163859.007a1920@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>I've been calling it the W7Z0I 555 keyer, but Doug DeMaw may have had a
>hand in it too. This has been one of my favorite projects.

>Has anyone -- ever -- seen a pc board for this keyer?
>

Most likely a board was never done up for this keyer, it's of vintage when board layouts weren't as common as today. It wouldn't take long to layout a board for this keyer though and if a dozen or so people wanted one, having FAR Circuits make a few wouldn't cost a whole lot. (not that I'm volunteering for the job..)

I would recommend that anyone building this keyer use 10% tantalum caps for the timing caps. Aluminum Electrolitics have a wide tololerance variation which could result in having to trim the timing resistors quite a bit to get the dot, dash and space lenghts in the proper ratios. In addition, tantalums will work better in the type of timing circuit used here than aluminums.

72,
Steve, KD1JV
"Melt Solder"
White Mountians of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Sun, 30 Dec 2001 16:37:35 -0500
From: "Bill Dittrich" <rwdittrich@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [116465] Toroid...Help!
Message-ID: <LAW2-F31kK7oJQ55q310001231d@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hi gang,

Need to tap some of the expertise here re: toroids. Am putting together the WM-2 QRP wattmeter and being the ham fistted person that I am (no pun intended) and outa practice, I broke the wire while winding the second toroid (aww..the price of experience). I have on hand some 22, 26 and 30 ga.

enameled wire. The manual calls for #24 wire, 12 turns. These tory's are used for sampling the power so no value shown on schematic.
Question: can I rewind the tory's using one of the gauge wires that I have on hand? Also, would I use the same no# of turns with the slightly different gauge wire? I am thinking that #24 wire means 24 ga. but am not one to assume, (makes an ..etc outta you and me).
TIA!

73
Bill

Join the world s largest e-mail service with MSN Hotmail.
<http://www.hotmail.com>

Date: Sun, 30 Dec 2001 16:49:50 -0500
From: "John L. Sielke" <jsielke@pobox.com>
To: "w2wurjj" <w2wurjj@verizon.net>, <w2agn@pobox.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [116466] Re:FCC Bars LINUX from Universal Licensing System
Message-ID: <0112301649500P.02369@CC2289974-A>
Content-Type: text/plain;
 charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

On Sunday 30 December 2001 19:13, w2wurjj wrote:
> Do I smell a CONSPIRACY to restrict free choice of browsers so they can
> invade our privacy ... What's left of it? I remember the Social Security
> Act forbade use of your SSN as Identification & it was never shared with
> other agencies. 73, Ron

--

Before we start another "heated discussion." Tell us the truth, that WAS a troll, wasn't it?

John L Sielke W2AGN
w2agn@pobox.com
<http://www.qsl.net/w2agn>
Trustee: W3IYQ

Date: Sun, 30 Dec 2001 17:00:42 -0500
From: "Brian" <brian@iquest.net>
To: <rwdittrich@hotmail.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [116467] Re: Toroid...Help!
Message-ID: <01a001c1917d\$6de75060\$2a492bd1@bmurrey2K>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Bill,

>From what I have read here and in other places, you can get by with
using the 22 or the 26 wire. Same number of turns.

Other will probably be more help than I though.

73

=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====

----- Original Message -----

From: "Bill Dittrich" <rwdittrich@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, December 30, 2001 4:37 PM
Subject: Toroid...Help!

> Hi gang,

>

> Need to tap some of the expertise here re: toroids. Am putting
together the

> WM-2 QRP wattmeter and being the ham fisted person that I am (no pun
> intended) and outa practice, I broke the wire while winding the
second

> toroid (aww..the price of experience). I have on hand some 22, 26
and 30 ga.

> enameled wire. The manual calls for #24 wire, 12 turns. These tory's
are

> used for sampling the power so no value shown on schematic.
> Question: can I rewind the tory's using one of the gauge wires that
I have
> on hand? Also, would I use the same no# of turns with the slightly
different
> gauge wire? I am thinking that #24 wire means 24 ga. but am not one
to
> assume,(makes an ..etc outta you and me).
> TIA!
>
> 73
> Bill
>
>

> Join the world s largest e-mail service with MSN Hotmail.
> <http://www.hotmail.com>
>
>
>

Date: Sun, 30 Dec 2001 14:43:05 -0500
From: " Robert L. Kellogg" <ae4ic@nr.infi.net>
To: al7fs2001@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [116468] Re: The mW contest - AL7FS w4
Message-ID: <3C2F6E49.82D8CFA1@nr.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim,

Great job!!

You did better than some of us in the lower 48! The milliwatts never
fail to surprise us.

Jim Larsen wrote:

> I worked 23 QSOs in about an hour and 45 minutes. State count looks like 15
> or so. ME, NJ, FL, CO, ID, WI, AL, NM, CA, MA, MD, VA, PA, OK, TX. The w1
> (100mW) stations were in ME, WI, VA, AND TX with w2 contacts in FL and w4/5
> in NJ and MD. I was running w4 or 400 mW except for my last QSO with TX on
> 20 meters.

--
73,
Bob Kellogg, AE4IC
Probably, not necessary. -Benny Hill

Date: Sun, 30 Dec 2001 22:06:47
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [116469] Re: [SPICE] Tapped Coil Experiment and Simulations
Message-ID: <F147kLo0dHa24ABvWZ000001354e@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

The following are the values of L1, L2 and K used
in each simulation case as described previously.
Although these can be calculated according to the
method description, they are tabulated below for
reference.

Case 1:

Tap pt. turns	L1	L2	K
4	0.083	2.083	1
6	0.188	1.688	1
8	0.333	1.333	1
10	0.521	1.021	1
12	0.750	0.750	1
18	1.688	0.188	1
24	3.000	0.000	1

Case 2:

Tap Pt. turns	L1	L2	M	K
4	0.279	2.098	0.097	0.127
6	0.486	1.862	0.111	0.117

8	0.706	1.627	0.119	0.111
10	0.932	1.393	0.123	0.108
12	1.161	1.161	0.124	0.107
18	1.862	0.486	0.111	0.117
24	2.571	0.000	0.000	

Case 3:

Tap Pt.	L1	L2	K
turns			
4	0.071	1.785	1
6	0.161	1.446	1
8	0.286	1.143	1
10	0.446	0.875	1
12	0.643	0.643	1
18	1.446	0.161	1
24	2.571	0.000	1

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>.

Date: Sun, 30 Dec 2001 17:14:39 -0500
From: "Howard Kraus" <K2UD@adelphia.net>
To: <kdl1jv@moose.ncia.net>
Cc: <qrp-1@Lehigh.EDU>
Subject: [116470] Re: HB: keyers - QRP type drive1
Message-ID: <003901c1917f\$5faf90a0\$07633018@buf.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FAR circuits DID make up a PCB for this keyer for me some time back. I sent photocopied artwork gleaned from Wes, redrew it for photo-cleanliness, Fred lost it, then made new artwork based on the schematic. In his Nov 5, 1991 catalog, Fred calls it "QST Nov. 71 Keyer" for \$5.25. Not sure if there was much interest in it besides me, or if he listed it at any later time. He may still have the artwork for it. Caution: the pads for the keying transistors are a mirror image. You will have to mount the transistors on the foil side of the PCB.

An updated near identical circuit also from FAR is the QRP TLC keyer from

Jan 90 Ham Radio. I like that one, it uses TLC 555 ICs (very low current drain), and allows you to mount a homebuilt paddle ON BOARD. Real cute! The paddle is made out of glass epoxy board with whatever paddle you wish to use (I used 1/8" lexan sheet) and screw/metal spacer contact. Much like the Whiterook paddle. The keyer has on-board reed relay option, so you can key anything from a Tuna Tin II to the Titanic.

Hope this helps everyone who would like to build these 2 classic keyers.

72 es CU during the "Rock"

Howard Kraus, K2UD

----- Original Message -----

From: "Steven Weber" <kd1jv@moose.ncia.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Sunday, December 30, 2001 4:38 PM

Subject: Re: HB: keyers - QRP type drive1

> >I've been calling it the W7Z0I 555 keyer, but Doug DeMaw may have had a
> >hand in it too. This has been one of my favorite projects.
>
> >Has anyone -- ever -- seen a pc board for this keyer?
> >
> Most likely a board was never done up for this keyer, it's of vintage when
> board layouts weren't as common as today. It wouldn't take long to layout
> a
> board for this keyer though and if a dozen or so people wanted one, having
> FAR Circuits make a few wouldn't cost a whole lot. (not that I'm
> volunteering for the job..)
>
> I would recommend that anyone building this keyer use 10% tantalum caps
> for the timing caps. Aluminum Electrolitics have a wide tololerance
> variation which could result in having to trim the timing resistors quite
> a
> bit to get the dot, dash and space lenghts in the proper ratios. In
> addition, tantalums will work better in the type of timing circuit used
> here than aluminums.
>
>
> 72,
> Steve, KD1JV
> "Melt Solder"
> White Mountians of New Hampshire
> <http://www.qsl.net/kd1jv/>

Date: Sun, 30 Dec 2001 17:18:22 -0500
From: "N8IE" <n8ie@woh.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [116471] RE: Stop bashing newcomers (and not so new hams)
Message-ID: <000001c1917f\$e45786a0\$0300a8c0@woh.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm having more fun than you can shake a No-Code Extra at, or is that CB'er,
or...

Oh the hell with it, I HAVE FUN WITH HAM RADIO and I could care less if you
know the code or know it well.
But then again I am half crazy.

72, oo
Dan, N8IE

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
Bruce Shaw
Sent: Sunday, December 30, 2001 12:58 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Stop bashing newcomers (and not so new hams)

So.....is anyone having any fun with amateur radio?

73
Bruce
kg4dzu

Date: Sun, 30 Dec 2001 17:38:05 -0500
From: Michael Bower <bowerm@ix.netcom.com>
To: qrp-1 <qrp-1@lehigh.edu>
Subject: [116472] neophyte MP-1 question
Message-ID: <3C2F974D.3070200@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

I bought myself an MP-1 for Christmas (with Santa's permission, of course). I have been "testing" it today and I have what you might consider a very neophyte question.

Here's the setup:

standard MP-1 (collapsible whip, 40 meter coil (80 meters not in this test), standard pole (8"?)

On the MP-1 tripod.

Attached to the tripod are the four radials supplied with the MP-1. They are in a spoke pattern roughly but just sort of thrown out. (They are not laying straight out and they are not evenly spaced around the spokes.)

Attached to the tripod base is an RG-58 3 foot section to an MFJ Antenna tuner.

Here's the testing:

I set the MFJ to a specific frequency and then try to adjust the antenna to the lowest SWR. In some cases, I got the SWR to 2.x: 1. In others the best I could do was 6.x:1

Now for the questions:

1) I understand that the supplied radials are not quite adequate for this antenna and that I will do much better with longer radials. I think I remember seeing 16' radials on this list.

Will the proper radials allow me to get very close to 1:1 or not? If yes, is 16' the recommended length for general purpose?

2) I know that radials should be specific for a specific frequency. Does this mean that I really need a radial set for each frequency that I might want to operate from? (Or build something like the St. Louis Radials?)

3) Here's the real neophyte question:

With a particular radial set and position (like I have currently, let's say) and with a particular setting for the whip and coil, should I always find SOMEPLACE where the SWR is 1:1 on the ant. tuner? In other

words, I setup the antenna, set the whip to some length, set the coil to some position and attach the radials, should I be able to find an SWR of 1:1 someplace on the tuner?

Thanks for the bandwidth. I hope my questions are confusing.

Michael N4NMR

--

73 de N4NMR
Michael Bower
Ashburn, VA (near Washington, D.C.)

Date: Sun, 30 Dec 2001 17:38:32 -0500
From: "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
henryf@quartz.gly.fsu.edu
Subject: [116473] Re: Transistor questions
Message-ID: <3C2F5118.1518.1F3281F@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Oops...the shunting caps are 1uf not 1 mf

Henry

On 30 Dec 2001, at 15:34, Henry Freedenberg wrote:

> Also, the circuit uses a 78L05 regulator with the schematic calling
> for 1 mf caps running from the both the input and the output of the
> output of the VR to gnd. This is clearly designed to shunt AC.
> These caps were missing from the kit (actually, I found two 891 pf
> caps that do not appear in the schematic). I am planning on
> running battery power exclusively so I do not think that i will be hurt
> if I leave the caps out. Alternative, I have some .1mf caps in the
> junk box and i could use those. Reactance to ground should be
> an order of magnitude greater meaning less AC will get shunted but
> this should not be a concern if i am using battery power.

>
> Tnx
>

> Henry
>

Date: Sun, 30 Dec 2001 17:48:58 EST
From: IamSF5@aol.com
To: w2agn@pobox.com, qrp-1@lehigh.edu
Subject: [116474] Re: Stop bashing newcomers (and not so new hams)
Message-ID: <89.113b7155.2960f3da@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 12/30/01 11:17:10 AM Eastern Standard Time,
w2agn@pobox.com writes:

<<

The point is, I don't hate anyone. Most of the people I respond to in an
acerbic manner (which some call, "flaming") are amusing, others are
pathetic,

but I certainly don't "hate" anyone. Even the guy who posted the poem
encouraging terrorism a few days ago is more to be pitied. (And quickly
gotten into an Institution!).

>>

John,

That poem was written about 50 years ago and it has been reworded as time
went by.

It does NOT encourage terrorism.

It was titled freedom fighters and was meant to bit comical but a way get the
point to the people how (Americans) can improvise if needed if our freedom
was imposed upon.

It was written by an American for Americans and directed to people in the
U.S.A who feel we do not have the right to own firearms.

Now since Sept.,11,01 the anti gunners are thinking different.

So much for that.

John,

I don't know you and I mailed you twice, one time asking where the QRPP
station was operating.

You posted that you worked the station but you never gave the band or
frequency.

So much for hams helping hams.

Over one year ago I made a post that "YOU" for some reason didn't like and
flamed me on the list.

I never heard of you until that time.

Now it seems that when you post something you can't do it without some sort

of an attack on another list member.

With luck next month i'll be an Extra and all I want is the 25 KC for working DX.

Ham Radio is a hobby and I should not have to be forced to be an EE just to build some small kits and work CW.

Many older Extras have their new equipment sitting on the work benches at the factory.

Also how many of us limited time operators have the \$\$\$\$\$\$ to buy lab grade equipment to be able to work on electronic gear?

I sure don't and if I did it sure as hell will not go into ham radio as I see the hobby going very unprofessional.

Maybe 10 years from now you'll be able to get an Extra ticked in a Wheaties box.

I hear some of the older Extras on SSB with the MIC gain turned way up to Max and running the full power allowed when 100 watts will do just fine.

I think many of those old extras could learn a lot from us QRP OP's.

I have never been involved in digital modes and never will and if I pass my exam,

when I come home the book gets trashed.

I have other things in my life to keep up with like the advancement in A/C and Refrigeration.

I also teach Wilderness Survival Skills.

I'm also a professional skydiver and have built my own small Gyro copter in the past and logged over 600 hours in it.

I also held at on time a fixed wing rating and have soloed a Bell Jet Ranger Chopper.

So you may know more about electronics then I do but I doubt that you know the workings of a rotor head on a helicopter or what a slider is on a ram air canopy.

I'm sorry that someone wished you dead but here on this list you will find people from all walks of life.

Some who are called dumb but possess a wealth of knowledge and the other type who are the professor of all things and have no heart or compassion.

I'm sorry you took that poem the wrong way because I fought AGAINST terrorism. To you and all the list members.

HAPPY NEW YEAR.

Bob

WA2HOQ:rp <tm>

Date: Sun, 30 Dec 2001 18:13:45 -0500

From: "Stephen M. King" <frastephen@home.com>

To: <wi8w@arrl.net>,

"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [116475] Re: Annual DX Competition

Message-ID: <009301c19187\$a1fb54a0\$eb600c18@burl1.nj.home.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I think this is a great idea
It would be good to have some sort of database/scoreboard throughout the year to see who was leading to keep interest alive
I would strongly encourage that QSL's NOT be required... given that this is proposed as an annual award many/most of the QSL's probably would not be in-hand by Dayton. PLUS, I do not question the honesty of any Ham with the wisdom and character to pursue QRP ;-)

How about a Milli-watt division?
How about an SSB division to encourage QRP SSB activity?

Hope this happens!
Peace, 73 and HNY,
Stephen
W3SMK

----- Original Message -----
From: "Thom Durfee WI8W" <wi8w@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, December 29, 2001 4:41 PM
Subject: Annual DX Competition

> A proposal,
>
> I would like comments from the list on a award
> project to help promote QRP DXing.
>
> As the Awards Manager for QRPARCI, I have been
> in discussion with the now outgoing President Jim
> W4Q0 about doing something special for the year
> 2002 to promote QRP operations.
>
> What I propose is this, subject to QRPARCI Board
> Approval.
>
> It is simply a ANNUAL DX competition.
>
> Beginning January 1, 2002 work as many DX
> countries as possible until December 31, 2002.
>
> Rules of the ARRL DXCC program are to be followed.
> Confirmations are not required but are encouraged.
> After all you do want to increase your confirmed

> totals don't you.
>
> The award will be in the form of a specially
> engraved plaque to be awarded to the station with
> the most DXCC countries worked during the period.
> Certificates will be awarded to the non-winning
> top 10 stations each year. This will be a annual
> event. The annual competition will begin on
> January 1 of each year.
>
> The award will be presented each year that the
> FDI event in conjunction with the Dayton
> Hamvention. The first award will be given at FDI
> 2003.
>
> You comments are welcome and I know that the Board
> regularly reads this list so what say you to this
> proposal.
>
> 73
>
> Thom Durfee WI8W
> Awards manager QRP-ARC
>
>
>
>
>
>

Date: Sun, 30 Dec 2001 18:23:03 -0500
From: "Stephen M. King" <frastephen@home.com>
To: <bowerm@ix.netcom.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [116476] Re: neophyte MP-1 question
Message-ID: <009e01c19188\$ee8a37e0\$eb600c18@burl1.nj.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just a point of clarification ...

Do you mean TUNER or ANALYZER?

You shouldn't need a tuner with the MP-1 on its designed frequencies.

It can take a little bit of effort to find the "sweet-spot", but you should be able to find low (perhaps not 1:1, but close) SWR points on the coil... I found that the "template" sheet was pretty helpful.

Also, are the radials on the ground? I find they work better elevated a bit....

Peace and 73 and HNY,
Stephen
W3SMK

----- Original Message -----

From: "Michael Bower" <bowerm@ix.netcom.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Sunday, December 30, 2001 5:38 PM

Subject: neophyte MP-1 question

> I bought myself an MP-1 for Christmas (with Santa's permission, of
> course). I have been "testing" it today and I have what you might
> consider a very neophyte question.
>
> Here's the setup:
>
> standard MP-1 (collapsible whip, 40 meter coil (80 meters not in this
> test), standard pole (8"?)
>
> On the MP-1 tripod.
>
> Attached to the tripod are the four radials supplied with the MP-1.
> They are in a spoke pattern roughly but just sort of thrown out. (They
> are not laying straight out and they are not evenly spaced around the
> spokes.)
>
> Attached to the tripod base is an RG-58 3 foot section to an MFJ Antenna
> tuner.
>
>
> Here's the testing:
>
> I set the MFJ to a specific frequency and then try to adjust the antenna
> to the lowest SWR. In some cases, I got the SWR to 2.x: 1. In others
> the best I could do was 6.x:1
>
> Now for the questions:
>

>
> 1) I understand that the supplied radials are not quite adequate for
> this antenna and that I will do much better with longer radials. I
> think I remember seeing 16' radials on this list.
>
> Will the proper radials allow me to get very close to 1:1 or not? If
> yes, is 16' the recommended length for general purpose?
>
>
> 2) I know that radials should be specific for a specific frequency.
> Does this mean that I really need a radial set for each frequency that I
> might want to operate from? (Or build something like the St. Louis
> Radials?)
>
>
> 3) Here's the real neophyte question:
>
> With a particular radial set and position (like I have currently, let's
> say) and with a particular setting for the whip and coil, should I
> always find SOMEPLACE where the SWR is 1:1 on the ant. tuner? In other
> words, I setup the antenna, set the whip to some length, set the coil to
> some position and attach the radials, should I be able to find an SWR of
> 1:1 someplace on the tuner?
>
>
> Thanks for the bandwidth. I hope my questions are confusing.
>
> Michael N4NMR
>
>
> --
> 73 de N4NMR
> Michael Bower
> Ashburn, VA (near Washington, D.C.)
>
>

Date: Sun, 30 Dec 2001 17:35:11 -0600
From: Preston <pd buck@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [116477] FS: books
Message-ID: <01123017433002.01030@localhost.localdomain>
Content-Type: text/plain
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

Greetings,

I've got some radio books that I don't need anymore. So take a look and see if there is something you must have.

1. 1996 ARRL handbook - soft bound. \$19 plus shipping (\$6.00 for priority but can ship book rate if you prefer)
2. ARRL Low Power Communication by Richard Arland K7SZ - soft bound. \$10 includes priority shipping in the U.S.
3. Extra Class study guide by Gordon West, WB6NOA - soft bound and autographed by Gordon to me. \$10 includes priority shipping in the U.S.
4. Morse Code: The Essential Language - softbound. \$8 includes priority shipping in the U.S.

If you want more than one, the shipping will drop and can ship book rate to save money if you want.

My preferred method of payment is my paypal account. (pdbusck@earthlink.net) but I'm open to other methods.

73

Preston Buck, n0g1m, Ellis County TX

Date: Sun, 30 Dec 2001 18:51:51 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <rwdittrich@hotmail.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [116478] Re: Toroid...Help!
Message-ID: <002101c1918c\$f543e140\$0600a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well...

If you use the 'bigger' wire, it may not fit. Either within the toroid or even physically with regard to board space.

Or if you go smaller, the wire may not have the current carrying capability.

If it's a 'power' circuit, then I'd at least consider trying the heavier wire.

Otherwise, I'd go smaller.

It's probably not too critical anyway.

Mike

From: "Bill Dittrich" <rwddittrich@hotmail.com>

> Need to tap some of the expertise here re: toroids. Am putting together the
> WM-2 QRP wattmeter and being the ham fisted person that I am (no pun
> intended) and outa practice, I broke the wire while winding the second
> toroid (aww..the price of experience). I have on hand some 22, 26 and 30
ga.
> enameled wire. The manual calls for #24 wire, 12 turns. These tory's are
> used for sampling the power so no value shown on schematic.
> Question: can I rewnind the tory's using one of the gauge wires that I
have
> on hand? Also, would I use the same no# of turns with the slightly
different
> gauge wire? I am thinking that #24 wire means 24 ga. but am not one to
> assume,(makes an ..etc outta you and me).
> TIA!
>
> 73
> Bill

End of QRP-L Digest 2421

